



CHCS VERSION 4.6 HL7 SPECIFICATION (HEALTH LEVEL 7 IMPLEMENTATION SPECIFICATION)

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**CHCS HEALTH LEVEL 7
IMPLEMENTATION SPECIFICATION
(CHIS)**

1. INTRODUCTION

1.1 SCOPE

The CHCS HL7 Implementation Specification (CHIS) documents how the Composite Health Care System (CHCS) application software implements the Health Level Seven (HL7) Standard for electronic data exchange in health care environments. The CHIS does not define the interface to any external system. Rather, it is intended to be used in conjunction with the Interface Control Document (ICD) for each external interface implemented in accordance with the HL7 standard.

This document is a major revision to the CHCS HL7 Implementation Specification for CHCS Version 4.5. It has been reorganized to eliminate redundancy. Appropriate subsets of this document have been incorporated into ICDs for specific interfaces.

The Interface Information for CHCS Regional Scheduler Project (CRSP) and the Managed Care Support Contractor (MCSC) can be found in their respective ICDs. Table 1-1 gives the document numbers for each of these ICDs.

Table 1-1. Interface Control Document Information

Document Title	Document Number
Composite Health Care System II/Regional Scheduler Project (CRSP) ICD	DS-CR98-4004
Final SAIC/CHCS/TSC Interface Exchange of MCP Data ICD	DS-MCSC-4007

1.2 DOCUMENT OVERVIEW

The following sections are included within this document:

- **Section 1. Introduction** - Defines the scope of this document, provides a brief overview, and summarizes the Concept of Operations for interfaces using the HL7 Standard.
- **Section 2. Messages and Triggers** - Specifies which triggers cause which messages to be sent to which systems.

- **Section 3. Message Definitions** - Defines the structure and data types used in the HL7 messages in Section 2.
- **Section 4. Communication Protocols** - Specifies the protocols used to establish HL7 interfaces with CHCS.
- **Appendix A Message Definition Tables** – Specifies the segments included in each message in Section 2.
- **Appendix B Segment Attribute Tables** - Specifies the fields included in each segment in Appendix A.
- **Appendix C Reference Tables** - Specifies further detail for field descriptions in Appendix B.

1.3 GENERAL CONCEPT OF OPERATIONS

This section describes the general concept of operations for the standard interfaces between CHCS and external systems which are based on the HL7 message standards. These interfaces fall into two major categories :

- **Unsolicited Messages Interface** - Message generation and transmission are triggered by events occurring within the application software (CHCS or external systems).
- **Query and Response Interface** - Message generation and transmission are triggered by query and response interaction between the CHCS application software and the external systems. These messages are bi-directional.

The HL7 Standard is based on the assumption that a real world event, or **trigger event**, creates the need for data to flow among systems. For example, the trigger event "**a patient is admitted**" may cause the need for data about that patient to be sent to a number of other systems. When the transfer of information is initiated by the application system that experiences the triggering event, the transaction is termed an **unsolicited update**. CHCS supports the HL7 2.2 enhanced acknowledgement mode, so the receiving system may respond to the message with an Accept Acknowledgement, an Application Acknowledgement, or both. When the receiving system commits the message to safe storage in a manner that releases the sending system from the need to retransmit the message, it sends a positive Accept Acknowledgement. When the receiving system has processed the message, it sends an Application Acknowledgement to return the resultant status to the sending system. Although CHCS prefers enhanced acknowledgement mode, it also supports original acknowledgement mode. In original acknowledgment mode, the receiving system sends an Application Acknowledgment after processing the message.

A different data exchange occurs when one system sends a **query** to another. For example, a system may receive an order for a patient who does not exist in the receiving system's database. The receiving system may send a message with the patient's ID number requesting the patient data needed to process the order. This requesting transaction is a query, as distinguished from the unsolicited update. The information that flows between the systems is contained in the response. The response itself is not acknowledged with a third message. The Query Response message sets currently supported by CHCS are described in Sections 2.4.1, 2.4.2, and 2.4.3.

Table 1-2 identifies the external systems with which CHCS Version 4.6 has established HL7 interfaces and indicates if the external system receives unsolicited updates from CHCS, sends unsolicited updates to CHCS or participates in a query response.

Table 1-2. Interfacing Systems

CHCS	External System	To External System	From External System	Q/R
V4.6	Ambulatory Data System (ADS)	x		
V4.6	Corporate Executive Information System (CEIS)	x		
V4.51	CliniComp Clinical Information System (CIS)	x		
V4.51	Clinical Integrated Workstation (CIW)	x		OE
V4.51	Anatomic Pathology (CoPath)	x	x	
V4.51	Defense Blood Standard System (DBSS)	x	x	
V4.6	Data and Innovations, Inc. (DII)	x	x	
V4.5	Defense Medical Human Resources System (DMHRS)	x		
V4.51	Managed Care Support Contractor (MCSC)	x		
V4.51	Medical Diagnostic Imaging System (MDIS)	x		
V4.51	Military Health Care Management Information System (MHCMIS)	x		
V4.51	Nutrition Management Information System (NMIS)	x		
V4.51	Provider Workstation (PWS) ¹			OE
V4.51	TRANSCOM Regulating and Command and Control Evacuation System (TRAC2ES)	x		

¹ PWS System now known as CIW.

The general concept of operations for both the unsolicited update and the query consists of a simple exchange of messages between a pair of systems: the unsolicited update and its acknowledgement, or the query and response. Following sections describe the underlying rules and requirements that are relevant to both the unsolicited update message interface and the query/response interface.

2. MESSAGES AND TRIGGERS

2.1 UNSOLICITED UPDATES SENT BY CHCS

This section provides a brief overview of the unsolicited message interface which may be established with CHCS, via messages that CHCS currently sends. Message specifications for individual interfaces will be documented in the applicable Interface Control Document (ICD).

2.1.1 Admission, Discharge, and Transfer

As new patients are added, or changes are made to existing patient records, CHCS sends "Unsolicited update" messages to all authorized interfaced external systems. From the Unsolicited messages, the external system may keep all the pertinent information it needs and discard what it does not need. For those patient messages not needed on the external system at the time of receipt, it is expected that the external system will keep on-line only patient identification information needed for future reference purposes. In this manner, the external system will have a full set of all CHCS patient identification data and a working set of other patient data (such as next of kin, insurance, etc.) stored in its database.

2.1.2 Patient Administration

- (1) On trigger, Add new person, CHCS shall send ADT/A28 - Add a Person (HL DG ADD PERSON MESSAGE) to the following External Systems:

CIS
CIW
CoPath
MDIS
CEIS/MHCMIS
NMIS
MCSC/TSC
PARRTS
TRAC2ES

- (2) On trigger, Admission is canceled, CHCS shall send ADT/A11 - Cancel Admit (HL DG CANCEL ADMIT) to the following External Systems:

CIS
CoPath
MDIS

- (3) On trigger, Bed status updated, CHCS shall send ADT/A20 - Bed Status Update (HL DG BED STATUS UPDATE) to the following External Systems:

CIS

- (4) On trigger, Discharge is canceled, CHCS shall send ADT/A13 - Cancel Discharge (HL DG CANCEL DISCHARGE) to the following External Systems:

CoPath

MDIS

TRAC2ES

PARRTS

- (5) On trigger, Duplicate patient identifiers identified, CHCS shall send ADT/A30 - Merge Person Information (HL DG MERGE PATIENT - OUT) to the following External Systems:

CIS

CIW

CoPath

DBSS

MDIS

CEIS/MHCMIS

NMIS

TRAC2ES

MCSC/TSC

- (6) On trigger, Duplicate patient records identified, CHCS shall send ADT/A24 - Link Patient Information (HL DG ID DUP) to the following External Systems:

CIW

- (7) On trigger, Patient Admission data is updated, CHCS shall send ADT/A08 - Update Patient (ADT) Information (HL DG UPDATE PATIENT) to the following External Systems:

CEIS/MHCMIS

CIS

CIW

CoPath

DBSS

DMHRS

MDIS
NMIS
PARRTS
TRAC2ES

- (8) On trigger, Patient Admission data is updated, CHCS shall send ADT/ZZ8 – Patient Out (HL CIS PATIENT OUT) to the following External Systems:

PARRTS

- (9) On trigger, Patient Discharge data is updated, CHCS shall send ADT/A08 - Update Patient (ADT) Information (HL DG UPDATE PATIENT) to the following External Systems:

CEIS/MHCMIS

CIS
CIW
CoPath
DBSS
DMHRS
MDIS
NMIS
PARRTS
TRAC2ES

- (10) On trigger, Patient goes on a leave of absence, CHCS shall send ADT/A21 - Patient Goes on a "Leave of Absence" (HL DG GO ON LEAVE OF ABSENCE) to the following External Systems:

CIW
NMIS

- (11) On trigger, Patient identification, demographic or next of kin is updated, CHCS shall send ADT/A31 - Update Person Information (HL DG UPDATE DEMOGRAPHICS MESSAGE) to the following External Systems:

CIS
CIW
CoPath
DBSS
MDIS|
CEIS/MHCMIS

TRAC2ES

PARRTS

MCSC/TSC

- (12) On trigger, Patient identification, demographic or next of kin is updated, CHCS shall send ADT/A31 - Update Person Information (HL DG UPDATE PERSON MESSAGE) to the following External Systems:

CIS

CIW

CoPath

DBSS

MDIS|

CEIS/MHCMIS

TRAC2ES

PARRTS

MCSC/TSC

- (13) On trigger, Patient is admitted to the hospital, CHCS shall send ADT/A01 - Admit a Patient (HL DG ADMIT PATIENT) to the following External Systems:

CEIS/MHCMIS

CIS

CIW

CoPath

DMHRS

MDIS

NMIS

PARRTS

TRAC2ES

- (14) On trigger, Patient is admitted to the hospital, CHCS shall send ADT/ZZ8 – Patient Out (HL CIS PATIENT OUT) to the following External Systems:

PARRTS

- (15) On trigger, Patient is discharged from the hospital, CHCS shall send ADT/A03 - Discharge a Patient (HL DG DISCHARGE PATIENT) to the following External Systems:

CIS

CIW

CoPath
MDIS
CEIS/MHCMIS
NMIS
PARRTS
TRAC2ES

- (16) On trigger, Patient is transferred to a different ward in the hospital, CHCS shall send ADT/A02 - Transfer a Patient (HL DG TRANSFER PATIENT) to the following External Systems:

CIS
CIW
CoPath
MDIS
CEIS/MHCMIS
NMIS
TRAC2ES

- (17) On trigger, Patient returns from a leave of absence, CHCS shall send ADT/A22 - Patient Returns from a "Leave of Absence" (HL DG RET FROM LEAVE OF ABSENCE) to the following External Systems:

CIW
NMIS

- (18) On trigger, Patient Transfer data is updated, CHCS shall send ADT/A08 - Update Patient (ADT) Information (HL DG UPDATE PATIENT) to the following External Systems:

CEIS/MHCMIS
CIS
CIW
CoPath
DBSS
DMHRS
MDIS
NMIS
TRAC2ES

- (19) On trigger, Transfer is canceled, CHCS shall send ADT/A12 - Cancel Transfer (HL DG CANCEL TRANSFER) to the following External Systems:

CIS
CoPath
MDIS
TRAC2ES

- (20) On trigger, Two patients exchange beds on the same ward, CHCS shall send ADT/A17 - Swap Patient Beds (HL DG SWAP BEDS) to the following External Systems:

CIW
NMIS

- (21) On trigger, Un-link patient information that was previously linked (via A024), CHCS shall send ADT/A37 - Unlink Patient Information (HL DG UN-ID DUP OUT) to the following External Systems:

CIW

2.1.3 Order Entry

When a new order is received at CHCS, the order information will be sent to appropriate external systems with the order detail, patient information and the requesting location information. If the status of an order is updated (i.e., modified, canceled, put on hold, reactivated, or renewed), an unsolicited message will be sent to the appropriate external systems with the new status and the reason for the change in status. The unsolicited order message is sent for the following order types.

- Laboratory orders
- Pharmacy orders
- Radiology orders
- Nursing and Nursing-initiated orders
- Consultation orders
- Clinical orders
- Ancillary orders (scheduled and non-scheduled)
- Diet orders

2.1.3.1 Laboratory

- (1) On trigger, Accessioned Blood Bank order is canceled, CHCS shall send ORM/O01 - Order Message - Blood Bank Order/Accession (HL LAB DBSS ACCESSION) to the following External Systems:

DBSS

- (2) On trigger, Accessioned Blood Bank order is modified, CHCS shall send ORM/O01 - Order Message - Blood Bank Order/Accession (HL LAB DBSS ACCESSION) to the following External Systems:

DBSS

- (3) On trigger, Initial log-in and accessioning of a Blood Bank order, CHCS shall send ORM/O01 - Order Message - Blood Bank Order/Accession (HL LAB DBSS ACCESSION) to the following External Systems:

DBSS

- (4) On trigger, Lab Anatomic Pathology order is canceled, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (5) On trigger, Lab Anatomic Pathology order is canceled, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (6) On trigger, Lab Anatomic Pathology order is discontinued, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (7) On trigger, Lab Anatomic Pathology order is discontinued, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (8) On trigger, Lab Anatomic Pathology order is modified, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (9) On trigger, Lab Anatomic Pathology order is modified, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (10) On trigger, Lab Anatomic Pathology order is put on hold, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (11) On trigger, Lab Anatomic Pathology order is put on hold, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (12) On trigger, Lab Anatomic Pathology order is reactivated, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (13) On trigger, Lab Anatomic Pathology order is reactivated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (14) On trigger, Lab Anatomic Pathology order is renewed, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (15) On trigger, Lab Anatomic Pathology order is renewed, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (16) On trigger, Lab Blood order is canceled, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (17) On trigger, Lab Blood order is discontinued, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (18) On trigger, Lab Blood order is modified, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (19) On trigger, Lab Blood order is put on hold, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (20) On trigger, Lab Blood order is reactivated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (21) On trigger, Lab Blood order is renewed, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (22) On trigger, Lab Chemistry order is canceled, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (23) On trigger, Lab Chemistry order is discontinued, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (24) On trigger, Lab Chemistry order is modified, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (25) On trigger, Lab Chemistry order is put on hold, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (26) On trigger, Lab Chemistry order is reactivated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (27) On trigger, Lab Chemistry order is renewed, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (28) On trigger, Lab Microbiology order is canceled, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (29) On trigger, Lab Microbiology order is discontinued, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (30) On trigger, Lab Microbiology order is modified, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (31) On trigger, Lab Microbiology order is put on hold, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (32) On trigger, Lab Microbiology order is reactivated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (33) On trigger, Lab Microbiology order is renewed, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (34) On trigger, New Anatomic Pathology order is activated, CHCS shall send ORM/O01 - Order Message - AP Clinical History (HL AP ORDER - OUT) to the following External Systems:

CoPath

- (35) On trigger, New Anatomic Pathology order is activated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (36) On trigger, New Lab Blood order is activated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (37) On trigger, New Lab Chemistry order is activated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (38) On trigger, New Microbiology order is activated, CHCS shall send ORM/O01 - Order Message - General Lab Order (HL ORPW BROADCAST LAB ORDER) to the following External Systems:

CIW

- (39) On trigger, TYPE AND SCREEN test for accessioned Blood Bank order is converted to TYPE AND CROSMATCH, CHCS shall send ORM/O01 - Order Message - Blood Bank Order/Accession (HL LAB DBSS ACCESSION) to the following External Systems:

DBSS

- (40) On trigger, User requests a lab test performed, CHCS shall send LSI/O01-- Test Orders (HL LA DII LSI ORDER OUT) to the following External Systems:

DII

- (41) On trigger, User requests a lab test performed, CHCS shall send LSI/O01-- Test Orders (HL LA DII LSI OUTBOUND) to the following External Systems:

DII

- (42) On trigger, User requests to start or stop DII Instrument, CHCS shall send LSI/ZL2-- Instrument Start/Stop Request (HL LA DII LSI STATUS OUTBOUND) to the following External Systems:

DII

2.1.3.2 Pharmacy

- (1) On trigger, a prescription is altered, CHCS shall send RDS/R01 – Pharmacy Dispense (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (2) On trigger, IVD order is canceled, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS
- (3) On trigger, IVD order is discontinued, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS
- (4) On trigger, IVD order is modified, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS
- (5) On trigger, IVD order is put on hold, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS
- (6) On trigger, IVD order is reactivated, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS
- (7) On trigger, IVD order is renewed, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS
- (8) On trigger, IVP order is canceled, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL ORPW BROADCAST IVP ORDER) to the following External Systems:

CIW
- (9) On trigger, IVP order is discontinued, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL ORPW BROADCAST IVP ORDER) to the following External Systems:

CIW

- (10) On trigger, IVP order is modified, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL ORPW BROADCAST IVP ORDER) to the following External Systems:

CIW

- (11) On trigger, IVP order is put on hold, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL ORPW BROADCAST IVP ORDER) to the following External Systems:

CIW

- (12) On trigger, IVP order is reactivated, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL ORPW BROADCAST IVP ORDER) to the following External Systems:

CIW

- (13) On trigger, IVP order is renewed, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL ORPW BROADCAST IVP ORDER) to the following External Systems:

CIW

- (14) On trigger, Modified Medications of Interest Complex IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (15) On trigger, Modified Medications of Interest IVD is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

NMIS

- (16) On trigger, Modified Medications of Interest IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVF ORDER) to the following External Systems:

NMIS

- (17) On trigger, Modified Medications of Interest IVH is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (18) On trigger, Modified Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL OR PW BROADCAST IVP ORDER) to the following External Systems:

NMIS

- (19) On trigger, Modified Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVP ORDER) to the following External Systems:

NMIS

- (20) On trigger, Modified Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

NMIS

- (21) On trigger, Modified Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST MED ORDER) to the following External Systems:

NMIS

- (22) On trigger, Modified Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST RX ORDER) to the following External Systems:

NMIS

- (23) On trigger, New IVD order is activated, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

CEIS/MHCMIS

- (24) On trigger, New IVP order is activated, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL OR PW BROADCAST IVP ORDER) to the following External Systems:

CIW

- (25) On trigger, New Medications of Interest Complex IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (26) On trigger, New Medications of Interest IVD is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

NMIS

- (27) On trigger, New Medications of Interest IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVF ORDER) to the following External Systems:

NMIS

- (28) On trigger, New Medications of Interest IVH is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (29) On trigger, New Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL OR PW BROADCAST IVP ORDER) to the following External Systems:

NMIS

- (30) On trigger, New Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVP ORDER) to the following External Systems:

NMIS

- (31) On trigger, New Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

NMIS

- (32) On trigger, New Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

NMIS

- (33) On trigger, New Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

NMIS

- (34) On trigger, New outpatient prescription order is received, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (35) On trigger, New outpatient prescription order is received, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (36) On trigger, New outpatient prescription order is received, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (37) On trigger, Pending Medications of Interest Complex IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (38) On trigger, Pending Medications of Interest IVD is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

NMIS

- (39) On trigger, Pending Medications of Interest IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVF ORDER) to the following External Systems:

NMIS

- (40) On trigger, Pending Medications of Interest IVH is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (41) On trigger, Pending Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL OR PW BROADCAST IVP ORDER) to the following External Systems:

NMIS

- (42) On trigger, Pending Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVP ORDER) to the following External Systems:

NMIS

- (43) On trigger, Pending Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

NMIS

- (44) On trigger, Pending Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

NMIS

- (45) On trigger, Pending Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

NMIS

- (46) On trigger, Prescription order is canceled, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (47) On trigger, Prescription order is canceled, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (48) On trigger, Prescription order is canceled, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (49) On trigger, Prescription order is discontinued, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (50) On trigger, Prescription order is discontinued, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (51) On trigger, Prescription order is discontinued, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (52) On trigger, Prescription order is expired, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (53) On trigger, Prescription order is expired, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (54) On trigger, Prescription order is expired, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (55) On trigger, Prescription order is forwarded, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (56) On trigger, Prescription order is forwarded, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (57) On trigger, Prescription order is forwarded, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (58) On trigger, Prescription order is modified, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (59) On trigger, Prescription order is modified, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (60) On trigger, Prescription order is modified, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (61) On trigger, Prescription order is put on hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (62) On trigger, Prescription order is put on hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (63) On trigger, Prescription order is put on hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (64) On trigger, Prescription order is released from hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (65) On trigger, Prescription order is released from hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (66) On trigger, Prescription order is released from hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (67) On trigger, Prescription order is renewed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (68) On trigger, Prescription order is renewed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (69) On trigger, Prescription order is renewed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (70) On trigger, Prescription order is replaced, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (71) On trigger, Prescription order is replaced, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (72) On trigger, Prescription order is replaced, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (73) On trigger, Prescription refill is removed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (74) On trigger, Prescription refill is removed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (75) On trigger, Prescription refill is removed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (76) On trigger, Prescription refill is removed, CHCS shall send RDS/R01 – Pharmacy Dispense Message (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (77) On trigger, Reactivated Medications of Interest Complex IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (78) On trigger, Reactivated Medications of Interest IVD is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

NMIS

- (79) On trigger, Reactivated Medications of Interest IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVF ORDER) to the following External Systems:

NMIS

- (80) On trigger, Reactivated Medications of Interest IVH is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (81) On trigger, Reactivated Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL OR PW BROADCAST IVP ORDER) to the following External Systems:

NMIS

- (82) On trigger, Reactivated Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVP ORDER) to the following External Systems:

NMIS

- (83) On trigger, Reactivated Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

NMIS

- (84) On trigger, Reactivated Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST MED ORDER) to the following External Systems:

NMIS

- (85) On trigger, Reactivated Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST RX ORDER) to the following External Systems:

NMIS

- (86) On trigger, Renewed Medications of Interest Complex IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (87) On trigger, Renewed Medications of Interest IVD is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVD ORDER) to the following External Systems:

NMIS

- (88) On trigger, Renewed Medications of Interest IVF is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVF ORDER) to the following External Systems:

NMIS

- (89) On trigger, Renewed Medications of Interest IVH is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVH COMPLEX IVF ORDER) to the following External Systems:

NMIS

- (90) On trigger, Renewed Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV (Override Warnings) (HL OR PW BROADCAST IVP ORDER) to the following External Systems:

NMIS

- (91) On trigger, Renewed Medications of Interest IVP is ordered, CHCS shall send ORM/O01 - Order Message - IV Component (HL OR IVP ORDER) to the following External Systems:

NMIS

- (92) On trigger, Renewed Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

NMIS

- (93) On trigger, Renewed Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST MED ORDER) to the following External Systems:

NMIS

- (94) On trigger, Renewed Medications of Interest MED is ordered, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR PW BROADCAST RX ORDER) to the following External Systems:

NMIS

- (95) On trigger, Unit Dose order is activated, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (96) On trigger, Unit Dose order is activated, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (97) On trigger, Unit Dose order is activated, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (98) On trigger, Unit Dose order is canceled, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (99) On trigger, Unit Dose order is canceled, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (100) On trigger, Unit Dose order is canceled, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (101) On trigger, Unit Dose order is discontinued, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (102) On trigger, Unit Dose order is discontinued, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (103) On trigger, Unit Dose order is discontinued, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (104) On trigger, Unit Dose order is modified, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (105) On trigger, Unit Dose order is modified, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (106) On trigger, Unit Dose order is modified, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (107) On trigger, Unit Dose order is put on hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (108) On trigger, Unit Dose order is put on hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (109) On trigger, Unit Dose order is put on hold, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (110) On trigger, Unit Dose order is reactivated, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (111) On trigger, Unit Dose order is reactivated, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (112) On trigger, Unit Dose order is reactivated, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (113) On trigger, Unit Dose order is renewed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (114) On trigger, Unit Dose order is renewed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (115) On trigger, Unit Dose order is renewed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

2.1.3.3 Radiology

- (1) On trigger, New RAD order is activated, CHCS shall send ORM/O01 - Radiology Order (HL ORPW BROADCAST RAD ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (2) On trigger, New RAD order is activated, CHCS shall send ORM/O01 - Radiology Order (HL RAD ORDER MESSAGE) to the following External Systems:

CIW

CEIS/MHCMIS

- (3) On trigger, RAD order is canceled, CHCS shall send ORM/O01 - Radiology Order (HL ORPW BROADCAST RAD ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (4) On trigger, RAD order is canceled, CHCS shall send ORM/O01 - Radiology Order (HL RAD ORDER MESSAGE) to the following External Systems:

CIW

CEIS/MHCMIS

- (5) On trigger, RAD order is discontinued, CHCS shall send ORM/O01 - Radiology Order (HL ORPW BROADCAST RAD ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (6) On trigger, RAD order is discontinued, CHCS shall send ORM/O01 - Radiology Order (HL RAD ORDER MESSAGE) to the following External Systems:

CIW

CEIS/MHCMIS

- (7) On trigger, RAD order is modified, CHCS shall send ORM/O01 - Radiology Order (HL ORPW BROADCAST RAD ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (8) On trigger, RAD order is modified, CHCS shall send ORM/O01 - Radiology Order (HL RAD ORDER MESSAGE) to the following External Systems:

CIW

CEIS/MHCMIS

- (9) On trigger, RAD order is put on hold, CHCS shall send ORM/O01 - Radiology Order (HL ORPW BROADCAST RAD ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (10) On trigger, RAD order is put on hold, CHCS shall send ORM/O01 - Radiology Order (HL RAD ORDER MESSAGE) to the following External Systems:

CIW

CEIS/MHCMIS

- (11) On trigger, RAD order is reactivated, CHCS shall send ORM/O01 - Radiology Order (HL ORPW BROADCAST RAD ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (12) On trigger, RAD order is reactivated, CHCS shall send ORM/O01 - Radiology Order (HL RAD ORDER MESSAGE) to the following External Systems:

CIW

CEIS/MHCMIS

- (13) On trigger, Radiology exam appointment is scheduled, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD ARRIVAL MESSAGE) to the following External Systems:

CIS

CIW

MDIS

CEIS/MHCMIS

- (14) On trigger, Radiology exam appointment is scheduled, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (15) On trigger, Radiology exam appointment is scheduled, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD SCHEDULE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (16) On trigger, Scheduled Radiology procedure is canceled, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD ARRIVAL MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (17) On trigger, Scheduled Radiology procedure is canceled, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (18) On trigger, Scheduled Radiology procedure is canceled, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD SCHEDULE) to the following External Systems:

CIS
CIW

MDIS
CEIS/MHCMIS

- (19) On trigger, Scheduled Radiology procedure is modified, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD ARRIVAL MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (20) On trigger, Scheduled Radiology procedure is modified, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (21) On trigger, Scheduled Radiology procedure is modified, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD SCHEDULE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

2.1.3.4 Nursing

- (1) On trigger, New Nursing/Nurse-initiated order activated, CHCS shall send ORM/O01 - Order Message - Nursing/Nurse-initiated Order (HL ORPW BROADCAST NRS ORDER) to the following External Systems:

CIW

- (2) On trigger, Nursing/Nurse-initiated order canceled, CHCS shall send ORM/O01 - Order Message - Nursing/Nurse-initiated Order (HL ORPW BROADCAST NRS ORDER) to the following External Systems:

CIW

- (3) On trigger, Nursing/Nurse-initiated order discontinued, CHCS shall send ORM/O01 - Order Message - Nursing/Nurse-initiated Order (HL ORPW BROADCAST NRS ORDER) to the following External Systems:

CIW

- (4) On trigger, Nursing/Nurse-initiated order modified, CHCS shall send ORM/O01 - Order Message - Nursing/Nurse-initiated Order (HL ORPW BROADCAST NRS ORDER) to the following External Systems:

CIW

- (5) On trigger, Nursing/Nurse-initiated order put on hold, CHCS shall send ORM/O01 - Order Message - Nursing/Nurse-initiated Order (HL ORPW BROADCAST NRS ORDER) to the following External Systems:

CIW

- (6) On trigger, Nursing/Nurse-initiated order reactivated, CHCS shall send ORM/O01 - Order Message - Nursing/Nurse-initiated Order (HL ORPW BROADCAST NRS ORDER) to the following External Systems:

CIW

2.1.3.5 Consultation

- (1) On trigger, Consultation order canceled, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (2) On trigger, Consultation order canceled, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (3) On trigger, Consultation order discontinued, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (4) On trigger, Consultation order discontinued, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (5) On trigger, Consultation order modified, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (6) On trigger, Consultation order modified, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (7) On trigger, Consultation order put on hold, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (8) On trigger, Consultation order put on hold, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (9) On trigger, Consultation order reactivated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (10) On trigger, Consultation order reactivated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (11) On trigger, New Consultation order activated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (12) On trigger, New Consultation order activated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

2.1.3.6 Clinical

- (1) On trigger, Clinical order canceled, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (2) On trigger, Clinical order canceled, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (3) On trigger, Clinical order discontinued, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (4) On trigger, Clinical order discontinued, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (5) On trigger, Clinical order modified, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (6) On trigger, Clinical order modified, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (7) On trigger, Clinical order put on hold, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (8) On trigger, Clinical order put on hold, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (9) On trigger, Clinical order reactivated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (10) On trigger, Clinical order reactivated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

- (11) On trigger, New Clinical order activated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CLN ORDER) to the following External Systems:

CIW

- (12) On trigger, New Clinical order activated, CHCS shall send ORM/O01 - Order Message - Clinical/Consultation (HL ORPW BROADCAST CON ORDER) to the following External Systems:

CIW

2.1.3.7 Ancillary

- (1) On trigger, New Scheduled Ancillary order activated, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (2) On trigger, New Unscheduled Ancillary order activated, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (3) On trigger, Scheduled Ancillary order canceled, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (4) On trigger, Scheduled Ancillary order discontinued, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (5) On trigger, Scheduled Ancillary order modified, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (6) On trigger, Scheduled Ancillary order put on hold, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (7) On trigger, Scheduled Ancillary order reactivated, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (8) On trigger, Unscheduled Ancillary order canceled, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (9) On trigger, Unscheduled Ancillary order discontinued, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (10) On trigger, Unscheduled Ancillary order modified, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (11) On trigger, Unscheduled Ancillary order put on hold, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

- (12) On trigger, Unscheduled Ancillary order reactivated, CHCS shall send ORM/O30 - Ancillary Order (Scheduled/Unscheduled) (HL ORPW BROADCAST ANC ORDER) to the following External Systems:

CIW

2.1.3.8 Diet

- (1) On trigger, Diet order canceled, CHCS shall send ORM/O01 - Order Message - Diet (HL CIW DIET ORDER) to the following External Systems:

CIW

- (2) On trigger, Diet order discontinued, CHCS shall send ORM/O01 - Order Message - Diet (HL CIW DIET ORDER) to the following External Systems:

CIW

- (3) On trigger, Diet order modified, CHCS shall send ORM/O01 - Order Message - Diet (HL CIW DIET ORDER) to the following External Systems:

CIW

- (4) On trigger, Diet order put on hold, CHCS shall send ORM/O01 - Order Message - Diet (HL CIW DIET ORDER) to the following External Systems:

CIW

- (5) On trigger, Diet order reactivated, CHCS shall send ORM/O01 - Order Message - Diet (HL CIW DIET ORDER) to the following External Systems:

CIW

- (6) On trigger, New Diet order activated, CHCS shall send ORM/O01 - Order Message - Diet (HL CIW DIET ORDER) to the following External Systems:

CIW

2.1.4 Observation Reporting

When LAB test results are certified, intermediate certified, or amended, and RAD exam results are transcribed, preliminary, complete or amended, an HL7 results message containing test result or exam result data along with patient identification, will be transmitted to the external system. While patient messages are sent by CHCS only (never received), results can be sent or received by CHCS. Results data derived through non-human registration (NHR) or quality control results entry (QCE) will not be transmitted to external systems.

2.1.4.1 Laboratory

- (1) On trigger, CHCS adds CPT codes to previously certified or amended lab results, CHCS shall send ORU/R01 – CPT Workload Data (HL LAB CPT WORKLOAD) to the following External Systems:

CEIS/MHCMIS

- (2) On trigger, CHCS removes CPT codes from previously certified or amended lab results, CHCS shall send ORU/R01 – CPT Workload Data (HL LAB CPT WORKLOAD) to the following External Systems:

CEIS/MHCMIS

- (3) On trigger, Final certification of a certified Blood Product result, CHCS shall send ORU/R01 - Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:

CEIS/MHCMIS

CIW

- (4) On trigger, Final certification of a certified Blood Product result, CHCS shall send ORU/R01 - Certification of Blood Product or Test Result (HL LAB BB RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS

CIW

- (5) On trigger, Final certification of a certified Blood Test result, CHCS shall send ORU/R01 - Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:

CEIS/MHCMIS

CIW

- (6) On trigger, Final certification of a certified Blood Test result, CHCS shall send ORU/R01 - Certification of Blood Product or Test Result (HL LAB BB RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS

CIW

- (7) On trigger, Final certification of an amended Blood Product result, CHCS shall send ORU/R01 - Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:

CEIS/MHCMIS

CIW

- (8) On trigger, Final certification of an amended Blood Product result, CHCS shall send ORU/R01 - Certification of Blood Product or Test Result (HL LAB BB RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS

CIW

- (9) On trigger, Final certification of an amended Blood Test result, CHCS shall send ORU/R01 - Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:

CEIS/MHCMIS

CIW

- (10) On trigger, Final certification of an amended Blood Test result, CHCS shall send ORU/R01 - Certification of Blood Product or Test Result (HL LAB BB RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS

CIW

- (11) On trigger, Final verification of a certified Anatomic Pathology result, CHCS shall send ORU/R01 - Anatomic Pathology Result (outbound) (HL LAB AP RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS

CIW

- (12) On trigger, Final verification of a certified Lab Clinical Chemistry result, CHCS shall send ORU/R01 - Unsolicited Lab Chemistry Result (HL LAB CH RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS
CIS
CIW
NMIS

- (13) On trigger, Final verification of an amended Anatomic Pathology result, CHCS shall send ORU/R01 - Anatomic Pathology Result (outbound) (HL LAB AP RESULTS - OUT) to the following External Systems:

CEIS/MHCMIS
CIW

- (14) On trigger, Final verification of an amended Lab Clinical Chemistry result, CHCS shall send ORU/R01 - Unsolicited Lab Chemistry Result (HL LAB CH RESULTS - OUT) to the following External Systems:

CIS
CIW
CEIS/MHCMIS
NMIS

- (15) On trigger, Final verification of an amended Microbiology result, CHCS shall send LAB/ORU - Unsolicited Result - Microbiology (HL LAB MI RESULTS - OUT) to the following External Systems:

CIW
CEIS/MHCMIS

- (16) On trigger, Intermediate certification of a Blood Product result, CHCS shall send ORU/R01 - Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:

CEIS/MHCMIS
CIW

- (17) On trigger, Intermediate certification of a Blood Product result, CHCS shall send ORU/R01 - Certification of Blood Product or Test Result (HL LAB BB RESULTS - OUT) to the following External Systems:
- CEIS/MHCMIS
CIW
- (18) On trigger, Intermediate certification of a Blood Test result, CHCS shall send ORU/R01 - Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:
- CEIS/MHCMIS
CIW
- (19) On trigger, Intermediate certification of a Blood Test result, CHCS shall send ORU/R01 - Certification of Blood Product or Test Result (HL LAB BB RESULTS - OUT) to the following External Systems:
- CEIS/MHCMIS
CIW
- (20) On trigger, Intermediate verification of a certified Microbiology result, CHCS shall send LAB/ORU - Unsolicited Result - Microbiology (HL LAB MI RESULTS - OUT) to the following External Systems:
- CIW
CEIS/MHCMIS
- (21) On trigger, Intermediate verification of a certified Microbiology result, CHCS shall send ZPW/ACK - Response to Request for Patient Page (HL DG BED STATUS UPDATE - IN) to the following External Systems:
- CIW
NMIS
CEIS/MHCMIS
CIW
- (22) On trigger, Intermediate verification of a certified Microbiology result, CHCS shall send ZPW/ACK - Response to Request for Patient Page (HL ORPW RESPONSE TO PATIENT PAGE BATCH) to the following External Systems:
- CEIS/MHCMIS
CIW

- (23) On trigger, Message triggered and sent by external system, CHCS shall send LSI/ZL2 – Instrument Start/Stop Request (HL LA DII LSI STATUS OUTBOUND) to the following External Systems:

DII

- (24) On trigger, Message triggered and sent by external system, CHCS shall send ORU/R01 – Blood Bank Result (HL LAB DBSS RESULTS) to the following External Systems:

DBSS

- (25) On trigger, Verification of a certified (non-sensitive) Microbiology result, CHCS shall send LAB/ORU - Unsolicited Result - Microbiology (HL LAB MI RESULTS - OUT) to the following External Systems:

CIW

CEIS/MHCMIS

- (26) On trigger, Verification of a certified Microbiology result, CHCS shall send ZPW/ACK - Response to Request for Patient Page (HL DG BED STATUS UPDATE - IN) to the following External Systems:

CEIS/MHCMIS

CIW

- (27) On trigger, Verification of a certified Microbiology result, CHCS shall send ZPW/ACK - Response to Request for Patient Page (HL ORPW RESPONSE TO PATIENT PAGE BATCH) to the following External Systems:

CEIS/MHCMIS

CIW

2.1.4.2 Pharmacy

- (1) On trigger, Edited fill cost for a prescription is filed, CHCS shall send RDS/R01 – Pharmacy Dispense (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (2) On trigger, Label for a new outpatient prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (3) On trigger, Label for a new outpatient prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (4) On trigger, Label for a new outpatient prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (5) On trigger, Label for a new outpatient prescription order is printed, CHCS shall send RDS/R01 – Pharmacy Dispense (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (6) On trigger, Label for a refilled or partial prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (7) On trigger, Label for a refilled or partial prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (8) On trigger, Label for a refilled or partial prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (9) On trigger, Label for a refilled or partial prescription order is printed, CHCS shall send RDS/R01 – Pharmacy Dispense Message (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (10) On trigger, Label for an edited prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (11) On trigger, Label for an edited prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (12) On trigger, Label for an edited prescription order is printed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (13) On trigger, Label for an edited prescription order is printed, CHCS shall send RDS/R01 – Pharmacy Dispense Message (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (14) On trigger, Partial prescription order is completed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (15) On trigger, Partial prescription order is completed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (16) On trigger, Partial prescription order is completed, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW

CEIS/MHCMIS

- (17) On trigger, Partial prescription order is completed, CHCS shall send RDS/R01 – Pharmacy Dispense Message (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (18) On trigger, Prescription order is entered manually at a site that does not print labels for manual prescriptions, CHCS shall send RDS/R01 – Pharmacy Dispense Message (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

- (19) On trigger, Prescription order is marked non-compliant, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL OR UNIT DOSE ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (20) On trigger, Prescription order is marked non-compliant, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST MED ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (21) On trigger, Prescription order is marked non-compliant, CHCS shall send ORM/O01 - Order Message - Prescription and Unit Dose (HL ORPW BROADCAST RX ORDER) to the following External Systems:

CIW
CEIS/MHCMIS

- (22) On trigger, Prescription order is marked non-compliant, CHCS shall send RDS/R01 – Pharmacy Dispense Message (HL PSO PHARMACY DISPENSE MESSAGE) to the following External Systems:

CEIS/MHCMIS

2.1.4.3 Radiology

- (1) On trigger, CHCS adds CPT codes to previously certified or amended rad results, CHCS shall send ORU/R01 – CPT Workload Data (HL LAB CPT WORKLOAD) to the following External Systems:

CEIS/MHCMIS

- (2) On trigger, CHCS removes CPT codes from previously certified or amended rad results, CHCS shall send ORU/R01 – CPT Workload Data (HL LAB CPT WORKLOAD) to the following External Systems:

CEIS/MHCMIS

- (3) On trigger, Final certification (verification) of an amended Radiology report, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD ARRIVAL MESSAGE) to the following External Systems:

CIS

CIW

MDIS

CEIS/MHCMIS

- (4) On trigger, Final certification (verification) of an amended Radiology report, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CEIS/MHCMIS

CIS

CIW

MDIS

- (5) On trigger, Final certification (verification) of an amended Radiology report, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD SCHEULE) to the following External Systems:

CIS

CIW

MDIS

CEIS/MHCMIS

- (6) On trigger, Patient arrives in Radiology for an exam, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD ARRIVAL MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (7) On trigger, Patient arrives in Radiology for an exam, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (8) On trigger, Patient arrives in Radiology for an exam, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD SCHEDULE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (9) On trigger, Radiology report is certified (verified), CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CEIS/MHCMIS
CIS
CIW
MDIS

- (10) On trigger, Unverified Radiology report is released, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD ARRIVAL MESSAGE) to the following External Systems:

CIS
CIW

MDIS
CEIS/MHCMIS

- (11) On trigger, Unverified Radiology report is released, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD RESULT MESSAGE) to the following External Systems:

CEIS/MHCMIS
CIS
CIW
MDIS

- (12) On trigger, Unverified Radiology report is released, CHCS shall send ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals) (HL RAD SCHEDULE) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

2.1.4.4 Nursing

2.1.4.5 Consultation

2.1.4.6 Clinical

2.1.4.7 Ancillary

2.1.4.8 Diet

2.1.5 Patient Appointment and Scheduling

As new patient appointments are scheduled and existing ones are updated, CHCS sends the scheduling messages to the interfaced external systems.

- (1) On trigger, A patient is checked in for a previously booked appointment, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (2) On trigger, A patient is checked in for a previously booked appointment, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (3) On trigger, A patient is checked in for a previously booked appointment, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (4) On trigger, A patient is checked in for a previously booked appointment, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (5) On trigger, A patient is checked in for an emergency room visit, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (6) On trigger, A patient is checked in for an emergency room visit, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (7) On trigger, A patient is checked in for an emergency room visit, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (8) On trigger, A patient is checked in for an emergency room visit, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (9) On trigger, A patient is checked in for an unscheduled visit, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (10) On trigger, A patient is checked in for an unscheduled visit, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (11) On trigger, A patient is checked in for an unscheduled visit, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (12) On trigger, A patient is checked in for an unscheduled visit, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (13) On trigger, A patient that was previously checked into the emergency room is checked out, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (14) On trigger, A patient that was previously checked into the emergency room is checked out, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (15) On trigger, A patient that was previously checked into the emergency room is checked out, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (16) On trigger, A patient that was previously checked into the emergency room is checked out, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (17) On trigger, A previously booked appointment is canceled, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (18) On trigger, A previously booked appointment is canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (19) On trigger, A previously booked appointment is canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (20) On trigger, A previously booked appointment is canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (21) On trigger, A previously booked appointment is modified, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (22) On trigger, A previously booked appointment is modified, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (23) On trigger, A previously booked appointment is modified, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (24) On trigger, A previously booked appointment is modified, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (25) On trigger, A previously booked appointment is re-scheduled as a new appointment after being canceled, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (26) On trigger, A previously booked appointment is re-scheduled as a new appointment after being canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (27) On trigger, A previously booked appointment is re-scheduled as a new appointment after being canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (28) On trigger, A previously booked appointment is re-scheduled as a new appointment after being canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (29) On trigger, A previously checked-in appointment is canceled, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (30) On trigger, A previously checked-in appointment is canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (31) On trigger, A previously checked-in appointment is canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (32) On trigger, A previously checked-in appointment is canceled, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (33) On trigger, A previously initiated telephone consult is completed, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (34) On trigger, A previously initiated telephone consult is completed, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (35) On trigger, A previously initiated telephone consult is completed, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (36) On trigger, A previously initiated telephone consult is completed, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (37) On trigger, A schedule slot is booked for an appointment that required radiology records, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (38) On trigger, A schedule slot is booked for an appointment that required radiology records, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (39) On trigger, A schedule slot is booked for an appointment that required radiology records, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (40) On trigger, A schedule slot is booked for an appointment that required radiology records, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

- (41) On trigger, A telephone consult is initiated, CHCS shall send SCH/S01 - General Appointment Message (HL PAS APPOINTMENT MESSAGE) to the following External Systems:

CEIS/MHCMIS

MDIS

NMIS

- (42) On trigger, A telephone consult is initiated, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S12 NEW APPT BOOKING INFO OUT) to the following External Systems:

MCSC/TSC

- (43) On trigger, A telephone consult is initiated, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S14 APPT MODIFICATION INFO OUT) to the following External Systems:

MCSC/TSC

- (44) On trigger, A telephone consult is initiated, CHCS shall send SCH/S12 - Appointment Booking Information (HL CP S15 APPT CANCELLATION INFO OUT) to the following External Systems:

MCSC/TSC

2.1.6 Managed Care Program

Updates and/or additions to Managed Care Program data such as Provider Network and Other Health Insurance data will be sent bi-directionally between CHCS and the external system, and updates and/or additions to Enrollment and Health Care Finder data will be sent uni-directionally from CHCS to the external system.

- (1) On trigger, Appointment is refused by patient which may be associated with a MCP referral (Z31), CHCS shall send ZPM/Z31 - MCP Appointment Refused (HL CP Z31 MCP APPOINTMENT REFUSED OUT) to the following External Systems:

MCSC/TSC

- (2) On trigger, Enrollment data is added in MCP Patient record (Z20), CHCS shall send ZPM/Z20 - MCP Patient Enrollment Data (HL CP Z20 ENROLLMENT DATA) to the following External Systems:

MCSC/TSC

- (3) On trigger, Enrollment data is updated in MCP Patient record (Z20), CHCS shall send ZPM/Z20 - MCP Patient Enrollment Data (HL CP Z20 ENROLLMENT DATA) to the following External Systems:

MCSC/TSC

- (4) On trigger, MCP Group Agreement is added, CHCS shall send ZPM/Z05 - MCP Group Agreement Information (HL CP Z05 GROUP AGREEMENT MSG IN) to the following External Systems:

MCSC/TSC

- (5) On trigger, MCP Group Agreement is added, CHCS shall send ZPM/Z05 - MCP Group Agreement Information (HL CP Z05 GROUP AGREEMENT MSG) to the following External Systems:

MCSC/TSC

- (6) On trigger, MCP Group Agreement is updated, CHCS shall send ZPM/Z05 - MCP Group Agreement Information (HL CP Z05 GROUP AGREEMENT MSG IN) to the following External Systems:

MCSC/TSC

- (7) On trigger, MCP Group Agreement is updated, CHCS shall send ZPM/Z05 - MCP Group Agreement Information (HL CP Z05 GROUP AGREEMENT MSG) to the following External Systems:

MCSC/TSC

- (8) On trigger, MCP Group is added, CHCS shall send ZPM/Z03 - MCP Group Information (HL CP Z03 GROUP MSG IN) to the following External Systems:

MCSC/TSC

- (9) On trigger, MCP Group is added, CHCS shall send ZPM/Z03 - MCP Group Information (HL CP Z03 GROUP MSG) to the following External Systems:

MCSC/TSC

- (10) On trigger, MCP Group is updated, CHCS shall send ZPM/Z03 - MCP Group Information (HL CP Z03 GROUP MSG IN) to the following External Systems:

MCSC/TSC

- (11) On trigger, MCP Group is updated, CHCS shall send ZPM/Z03 - MCP Group Information (HL CP Z03 GROUP MSG) to the following External Systems:

MCSC/TSC

- (12) On trigger, MCP Group Place of Care is added, CHCS shall send ZPM/Z04 - MCP Group Place of Care Information (HL CP Z04 GROUP POC MSG IN) to the following External Systems:

MCSC/TSC

- (13) On trigger, MCP Group Place of Care is added, CHCS shall send ZPM/Z04 - MCP Group Place of Care Information (HL CP Z04 GROUP POC MSG) to the following External Systems:

MCSC/TSC

- (14) On trigger, MCP Group Place of Care is updated, CHCS shall send ZPM/Z04 - MCP Group Place of Care Information (HL CP Z04 GROUP POC MSG IN) to the following External Systems:

MCSC/TSC

- (15) On trigger, MCP Group Place of Care is updated, CHCS shall send ZPM/Z04 - MCP Group Place of Care Information (HL CP Z04 GROUP POC MSG) to the following External Systems:

MCSC/TSC

- (16) On trigger, MCP Group Provider is added, CHCS shall send ZPM/Z06 - MCP Group Provider Information (HL CP Z06 GROUP PROVIDER MSG IN) to the following External Systems:

MCSC/TSC

- (17) On trigger, MCP Group Provider is added, CHCS shall send ZPM/Z06 - MCP Group Provider Information (HL CP Z06 GROUP PROVIDER MSG) to the following External Systems:

MCSC/TSC

- (18) On trigger, MCP Group Provider is updated, CHCS shall send ZPM/Z06 - MCP Group Provider Information (HL CP Z06 GROUP PROVIDER MSG IN) to the following External Systems:

MCSC/TSC

- (19) On trigger, MCP Group Provider is updated, CHCS shall send ZPM/Z06 - MCP Group Provider Information (HL CP Z06 GROUP PROVIDER MSG) to the following External Systems:

MCSC/TSC

- (20) On trigger, MCP Place of Care is added, CHCS shall send ZPM/Z02 - MCP Place of Care Information (HL CP Z02 PLACE OF CARE MSG IN) to the following External Systems:

MCSC/TSC

- (21) On trigger, MCP Place of Care is added, CHCS shall send ZPM/Z02 - MCP Place of Care Information (HL CP Z02 PLACE OF CARE MSG) to the following External Systems:

MCSC/TSC

- (22) On trigger, MCP Place of Care is updated, CHCS shall send ZPM/Z02 - MCP Place of Care Information (HL CP Z02 PLACE OF CARE MSG IN) to the following External Systems:

MCSC/TSC

- (23) On trigger, MCP Place of Care is updated, CHCS shall send ZPM/Z02 - MCP Place of Care Information (HL CP Z02 PLACE OF CARE MSG) to the following External Systems:

MCSC/TSC

- (24) On trigger, MCP Provider Agreement is added, CHCS shall send ZPM/Z08 - MCP Provider Agreement Information for a Group (HL CP Z08 GROUP PROV AGR MSG IN) to the following External Systems:

MCSC/TSC

- (25) On trigger, MCP Provider Agreement is added, CHCS shall send ZPM/Z08 - MCP Provider Agreement Information for a Group (HL CP Z08 GROUP PROV AGR MSG) to the following External Systems:

MCSC/TSC

- (26) On trigger, MCP Provider Agreement is updated, CHCS shall send ZPM/Z08 - MCP Provider Agreement Information for a Group (HL CP Z08 GROUP PROV AGR MSG IN) to the following External Systems:

MCSC/TSC

- (27) On trigger, MCP Provider Agreement is updated, CHCS shall send ZPM/Z08 - MCP Provider Agreement Information for a Group (HL CP Z08 GROUP PROV AGR MSG) to the following External Systems:

MCSC/TSC

- (28) On trigger, MCP Provider is added, CHCS shall send ZPM/Z01 - MCP Provider Information (HL CP Z01 PROVIDER MESSAGE IN) to the following External Systems:

MCSC/TSC

- (29) On trigger, MCP Provider is added, CHCS shall send ZPM/Z01 - MCP Provider Information (HL CP Z01 PROVIDER MESSAGE) to the following External Systems:

MCSC/TSC

- (30) On trigger, MCP Provider is updated, CHCS shall send ZPM/Z01 - MCP Provider Information (HL CP Z01 PROVIDER MESSAGE IN) to the following External Systems:

MCSC/TSC

- (31) On trigger, MCP Provider is updated, CHCS shall send ZPM/Z01 - MCP Provider Information (HL CP Z01 PROVIDER MESSAGE) to the following External Systems:

MCSC/TSC

- (32) On trigger, MCP Provider Place of Care is added, CHCS shall send ZPM/Z07 - MCP Provider Place of Care Information for a Group (HL CP Z07 GROUP PROV POC MSG IN) to the following External Systems:

MCSC/TSC

- (33) On trigger, MCP Provider Place of Care is added, CHCS shall send ZPM/Z07 - MCP Provider Place of Care Information for a Group (HL CP Z07 GROUP PROV POC MSG) to the following External Systems:

MCSC/TSC

- (34) On trigger, MCP Provider Place of Care is updated, CHCS shall send ZPM/Z07 - MCP Provider Place of Care Information for a Group (HL CP Z07 GROUP PROV POC MSG IN) to the following External Systems:

MCSC/TSC

- (35) On trigger, MCP Provider Place of Care is updated, CHCS shall send ZPM/Z07 - MCP Provider Place of Care Information for a Group (HL CP Z07 GROUP PROV POC MSG) to the following External Systems:

MCSC/TSC

- (36) On trigger, MCP Referral is added, CHCS shall send ZPM/Z30 - MCP Referral Information (HL CP Z30 MCP REFERRAL INFO MESSAGE OUT) to the following External Systems:

MCSC/TSC

- (37) On trigger, MCP Referral is updated, CHCS shall send ZPM/Z30 - MCP Referral Information (HL CP Z30 MCP REFERRAL INFO MESSAGE OUT) to the following External Systems:

MCSC/TSC

- (38) On trigger, Other Health Insurance data is added in MCP Patient record, CHCS shall send ZPM/Z10 - Other Health Insurance Information (HL CP Z10 IN (INSURANCE)) to the following External Systems:

MCSC/TSC

- (39) On trigger, Other Health Insurance data is added in MCP Patient record, CHCS shall send ZPM/Z10 - Other Health Insurance Information (HL CP Z10 OUT (INSURANCE)) to the following External Systems:

MCSC/TSC

- (40) On trigger, Other Health Insurance data is updated in MCP Patient record, CHCS shall send ZPM/Z10 - Other Health Insurance Information (HL CP Z10 IN (INSURANCE)) to the following External Systems:

MCSC/TSC

- (41) On trigger, Other Health Insurance data is updated in MCP Patient record, CHCS shall send ZPM/Z10 - Other Health Insurance Information (HL CP Z10 OUT (INSURANCE)) to the following External Systems:

MCSC/TSC

2.2 UNSOLICITED UPDATES RECEIVED BY CHCS

This section provides a brief overview of the unsolicited messages which CHCS currently receives from external systems. Message specifications for individual interfaces will be documented in the applicable Interface Control Document (ICD).

- (1) On receipt of ADT/A18 - Merge Patient information (HL DG MERGE PATIENT IN) from DBSS, CHCS shall update its database.
- (2) On receipt of ADT/A31 - Update Person Information (HL DG UPDATE DEMOGRAPHICS - IN) from CIS, CHCS shall update its database.
- (3) On receipt of ADT/A31 - Update Person Information (HL DG UPDATE DEMOGRAPHICS - IN) from CIW, CHCS shall update its database.
- (4) On receipt of ADT/A31 - Update Person Information (HL DG UPDATE PERSON MESSAGE) from CIS, CHCS shall update its database.
- (5) On receipt of ADT/A31 - Update Person Information (HL DG UPDATE PERSON MESSAGE) from CIW, CHCS shall update its database.
- (6) On receipt of LSI/O01 – Test Results (HL LA DII LSI RESULTS IN) from ABTS, CHCS shall update its database.
- (7) On receipt of LSI/O01 – Test Results (HL LA DII LSI RESULTS IN) from DII, CHCS shall update its database.
- (8) On receipt of LSI/ZL2 – Instrument Status Message (HL LA DII LSI STATUS INBOUND) from DII, CHCS shall update its database.
- (9) On receipt of LSI/ZL3 – Error Code Update (HL LA DII LSI ERROR UPDATE) from DII, CHCS shall update its database.
- (10) On receipt of MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) from MCSC/TSC, CHCS shall update its database.
- (11) On receipt of ORU/ORU - Anatomic Pathology Accession/Result (inbound) (HL AP LOGIN/RESULT - INCOMING) from CoPath, CHCS shall update its database.
- (12) On receipt of ZPM/Z01 - MCP Provider Information (HL CP Z01 PROVIDER MESSAGE) from MCSC/TSC, CHCS shall update its database.

- (13) On receipt of ZPM/Z01 - MCP Provider Information (HL CP Z01 PROVIDER MESSAGE IN) from MCSC/TSC, CHCS shall update its database.
- (14) On receipt of ZPM/Z02 - MCP Place of Care Information (HL CP Z02 PLACE OF CARE MSG) from MCSC/TSC, CHCS shall update its database.
- (15) On receipt of ZPM/Z02 - MCP Place of Care Information (HL CP Z02 PLACE OF CARE MSG IN) from MCSC/TSC, CHCS shall update its database.
- (16) On receipt of ZPM/Z03 - MCP Group Information (HL CP Z03 GROUP MSG) from MCSC/TSC, CHCS shall update its database.
- (17) On receipt of ZPM/Z03 - MCP Group Information (HL CP Z03 GROUP MSG IN) from MCSC/TSC, CHCS shall update its database.
- (18) On receipt of ZPM/Z04 - MCP Group Place of Care Information (HL CP Z04 GROUP POC MSG) from MCSC/TSC, CHCS shall update its database.
- (19) On receipt of ZPM/Z04 - MCP Group Place of Care Information (HL CP Z04 GROUP POC MSG IN) from MCSC/TSC, CHCS shall update its database.
- (20) On receipt of ZPM/Z05 - MCP Group Agreement Information (HL CP Z05 GROUP AGREEMENT MSG) from MCSC/TSC, CHCS shall update its database.
- (21) On receipt of ZPM/Z05 - MCP Group Agreement Information (HL CP Z05 GROUP AGREEMENT MSG IN) from MCSC/TSC, CHCS shall update its database.
- (22) On receipt of ZPM/Z06 - MCP Group Provider Information (HL CP Z06 GROUP PROVIDER MSG) from MCSC/TSC, CHCS shall update its database.
- (23) On receipt of ZPM/Z06 - MCP Group Provider Information (HL CP Z06 GROUP PROVIDER MSG IN) from MCSC/TSC, CHCS shall update its database.
- (24) On receipt of ZPM/Z07 - MCP Provider Place of Care Information for a Group (HL CP Z07 GROUP PROV POC MSG) from MCSC/TSC, CHCS shall update its database.
- (25) On receipt of ZPM/Z07 - MCP Provider Place of Care Information for a Group (HL CP Z07 GROUP PROV POC MSG IN) from MCSC/TSC, CHCS shall update its database.
- (26) On receipt of ZPM/Z08 - MCP Provider Agreement Information for a Group (HL CP Z08 GROUP PROV AGR MSG) from MCSC/TSC, CHCS shall update its database.

- (27) On receipt of ZPM/Z08 - MCP Provider Agreement Information for a Group (HL CP Z08 GROUP PROV AGR MSG IN) from MCSC/TSC, CHCS shall update its database.
- (28) On receipt of ZPM/Z10 - Other Health Insurance Information (HL CP Z10 IN (INSURANCE)) from MCSC/TSC, CHCS shall update its database.
- (29) On receipt of ZPM/Z10 - Other Health Insurance Information (HL CP Z10 OUT (INSURANCE)) from MCSC/TSC, CHCS shall update its database.
- (30) On receipt of ZPW/ACK - Response to Request for Patient Page (HL DG BED STATUS UPDATE - IN) from CIS, CHCS shall update its database.
- (31) On receipt of ZPW/ACK - Response to Request for Patient Page (HL DG BED STATUS UPDATE - IN) from CIW, CHCS shall update its database.
- (32) On receipt of ZPW/ACK - Response to Request for Patient Page (HL ORPW RESPONSE TO PATIENT PAGE BATCH) from CIS, CHCS shall update its database.
- (33) On receipt of ZPW/ACK - Response to Request for Patient Page (HL ORPW RESPONSE TO PATIENT PAGE BATCH) from CIW, CHCS shall update its database.

2.3 MASTER FILES

CHCS broadcasts Master File Notification messages to notify external systems that a record in one of these files has been created or altered via the File Manager (FileMan). These Master Files may be standard files or reference files. An alteration of a file is an action defined as an update, deletion, deactivation or reactivation, controlled by the File Manager (FileMan) parameters.

2.3.1 DOD Standard Files

DOD Standard Files are relatively static files which are periodically updated via the CHCS Project Office.

- (1) On trigger, DEERS Sponsor Status (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 – Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CEIS/MHCMIS
CIW
MCSC/TSC

- (2) On trigger, Discharge Type (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS

- (3) On trigger, DMIS ID Codes (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS
MCSC/TSC

- (4) On trigger, Family Member Prefix (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (5) On trigger, Geographic Location (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (6) On trigger, ICD Diagnosis Codes (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS
MCSC/TSC

- (7) On trigger, ICD Operations/Procedures (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS

- (8) On trigger, Language Identity (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (9) On trigger, Marital Status (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (10) On trigger, MCP Agreement Type (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (11) On trigger, Medical Treatment Facility (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (12) On trigger, MFN Return Code (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW

- (13) On trigger, Military Grade Rank (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (14) On trigger, Patient Category (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (15) On trigger, Provider Specialty (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (16) On trigger, Race (DoD) Master File Record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (17) On trigger, Relationship (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS

- (18) On trigger, Religion (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (19) On trigger, Source of Admission (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS

- (20) On trigger, Unit Ship ID (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (21) On trigger, Zip Code (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS

2.3.2 CHCS Reference Files

CHCS Reference Files may contain some entries which are standard to and required by functional modules, but may contain additional entries which are maintained locally by each site.

- (1) On trigger, Ancillary Procedures Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (2) On trigger, Appointment Status Master File record is Created or Altered, CHCS shall send MFN/M01 – Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CEIS/MHCMIS
CIW
MCSC/TSC

- (3) On trigger, Appointment Type Master File record is Created or Altered, CHCS shall send MFN/M01 – Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CEIS/MHCMIS
CIW
MCSC/TSC

- (4) On trigger, CPT Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CEIS/MHCMIS

- (5) On trigger, Department and Service Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CEIS/MHCMIS
CIW
MCSC/TSC

- (6) On trigger, Diet Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CEIS/MHCMIS
CIW

- (7) On trigger, Drug Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS

- (8) On trigger, Hospital Location Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CoPath

MDIS
CIS
CEIS/MHCMIS
MCSC/TSC

- (9) On trigger, Insurance Company File Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS
MCSC/TSC

- (10) On trigger, Laboratory Test Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS
MCSC/TSC

- (11) On trigger, MCP Assignment Reason Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (12) On trigger, MCP Facility Type Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

MCSC/TSC
CIW
CEIS/MHCMIS

- (13) On trigger, Medical Center Division Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS
MCSC/TSC

- (14) On trigger, Medical Expenses & Performance Reporting (MEPRS) System (DoD) Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CoPath
DBSS
CEIS/MHCMIS
MCSC/TSC

- (15) On trigger, Medication Routes Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (16) On trigger, Professional Category Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (17) On trigger, Provider Class Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (18) On trigger, Provider Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CoPath
DBSS
MDIS
CEIS/MHCMIS
MCSC/TSC

- (19) On trigger, PSAFDB DAC MONO INDEX CITE Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (20) On trigger, PSAFDB DIMMSTR ADIMTBL ADIMMONO Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIW
CEIS/MHCMIS
MCSC/TSC

- (21) On trigger, Radiology Procedures Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW

MDIS
CEIS/MHCMIS

- (22) On trigger, Results Category Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
MDIS
CEIS/MHCMIS

- (23) On trigger, Title Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CEIS/MHCMIS

- (24) On trigger, User Master File record is Created or Altered, CHCS shall send MFN/M01 - Master File Notification (HL MASTER FILE NOTIFICATION) to the following External Systems:

CIS
CIW
CoPath
MDIS
CEIS/MHCMIS
MCSC/TSC

2.4 QUERY RESPONSE

This section provides a brief overview of the query/response interface which may be established with CHCS. Message specifications for individual interfaces will be documented in the applicable Interface Control Document (ICD).

2.4.1 Patient Data

2.4.2 Immunization

2.4.3 Eligibility for Care (NEDB)

2.5 ORDER ENTRY INTERFACE

CHCS supports the entry of specific order types and the update of patient allergy information from an Off-Board Order Entry System. This is an interactive interface which requires the user at the Off-Board System to log-on to the CHCS Application Server, select a patient of interest and enter orders for that patient. The user must have an existing account on CHCS and the actions available to the user will be limited to the permissions associated with that account.

2.5.1 Log-On and Log-Off

CHCS will identify and authenticate users to ensure user accountability and to prevent unauthorized users from gaining access to the system. The Off-Board System user will be required to enter a user name and password when logging onto CHCS via the query and response interface.

- (1) On receipt of a (ZIL/Z01) Logon Request message with proper access and verify codes for a known user, CHCS opens a query/response session for that user and replies with a (ACK/ACK) Logon Request Acknowledgement message.
- (2) On receipt of a (ZIL/Z02) Application Server Logon message, CHCS opens an application server session and replies with a (ACK/ACK) Application Server Logon Acknowledgement message.
- (3) On receipt of a (ZIL/Z03) Application Server Logoff message, CHCS closes the application server session and replies with a (ACK/ACK) Application Server Logoff Acknowledgement message.

2.5.2 Patient Page Selection

CHCS will enable the user at the Off-Board System to select an individual patient from a list of patients conforming to user-defined search parameters.

- (1) On receipt of a (QRY/A19) Request for Patient Lookup message, CHCS searches the Patient File for all patients conforming to the requested search parameters and replies with a (ADR/A19) Response to Request for Patient Lookup message.
- (2) On receipt of a (ZPW/Z11) Request for Patient Page message, CHCS replies with a (ZPW/ACK) Response to Request for Patient Page message containing the default page for the selected patient.
- (3) On receipt of a (ZPW/Z12) Lock Requested Page message, CHCS executes the requested action.
- (4) On receipt of a (ZPW/Z15) Get Patient Orders on Page message, CHCS replies with a (ZPW/ACK) Response to Request for Patient Page message containing currently active orders for the selected patient.
- (5) On receipt of a (ZPW/Z14) Unlock Requested Page message, CHCS executes the requested action.
- (6) On receipt of a (ZPW/Z17) Unlock All Pages message, CHCS executes the requested action.
- (7) On receipt of a (ZPW/Z13) Get Batch ID message, CHCS replies with a (ZPW/ACK) Response to Request for Patient Page message containing the Batch ID.
- (8) On receipt of a (ZPW/Z16) Activate Batch message, CHCS executes the requested action.
- (9) On receipt of a (ZPW/Z18) Override Warnings message, CHCS executes the requested action.
- (10) On receipt of a (ZPW/Z19) Get Patient Allergy message, , CHCS replies with a (ZPW/ACK) Response to Request for Patient Page message containing allergy information for the selected patient.
- (11) On receipt of a (ZPW/Z20) Update Patient Allergy message, CHCS executes the requested action.

2.5.3 Order Entry

The Query/Response Order Entry interface enables an authorized user at an Off-Board System to enter orders into CHCS for a selected patient. The basic order entry transaction consists the following messages exchanged in the order shown:

- (1) The Off-Board System Sends Request for Order to CHCS
- (2) CHCS Sends a Response to Request for Order to the Off-Board System

Optional pre-verification is supported for certain order types. When pre-verification is used, the order entry transaction consists of the following messages exchanged in the order shown:

- (1) The Off-Board System Sends Request for Order Pre-Verification to CHCS
- (2) CHCS Sends a Response to Request for Pre-Verification of Order to the Off-Board System
- (3) The Off-Board System Sends Request for Order to CHCS
- (4) CHCS Sends a Response to Request for Order to the Off-Board System

The Request for Pre-Verification of Order is identical to the Request for Order, except that the Order Control Element of the Order Request Segment (ORC-1) is set to "ZP" and some of the segments defining the order are optional instead of required.

The Response to Request for Pre-Verification of Order identifies fatal errors and warnings which will need to be resolved by the Off-Board System prior to placing the final order message request. Fatal errors, such as an invalid procedure, will cause the ordering process to abort. A warning type error will allow the processing to complete in the pre-verification stage but require resolution prior to the order's completion.

Any errors encountered will be included in the ERR segment which will indicate the error ID and description.

2.5.3.1 Lab Order Request

CHCS will pre-verify and process requests for radiology orders. Pre-verification includes screening to ensure that the specified procedure is a valid order and may be ordered by the requesting provider. Pre-verification of Lab Chemistry, Anatomic Pathology and Blood Bank orders includes duplicate checking in accordance with the site parameters of the CHCS system. The LAB Response to Lab Pre-Verification of Order message includes segments to indicate if ancillary approval is required, if the lab collection method is available, and if the collection sample and specimen source for the lab test need before the order can be processed. The response message will return the collection, specimen types, collection times and the order priorities/parameters available for a laboratory test.

The Collection Sample and Topography files need to exist on the off-board system, to ensure that the Request for Pre-Verification of Lab Orders contains allowable values for these fields.

- (1) On receipt of a (ORM/O04) Request for Lab Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for Lab Pre-Verification of Order message.
- (2) On receipt of a (ORM/O04) Request for Lab Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Lab Order message.

2.5.3.2 Pharmacy

CHCS will pre-verify and process requests for RX, MED and IV orders. Pre-verification includes screening to ensure that the specified procedure is a valid order and may be ordered by the requesting provider. Pharmacy order pre-verification also executes includes clinical screening logic without dosage checking. The pre-verification response for RX and MED requests parses and expands the SIG code, if passed in, and verifies that the drug is available at the requested pharmacy. The pre-verification response for IVH/IVD/IVF verifies that the fluid and/or additive is available.

- (1) On receipt of a (ORM/O01) Request for Prescription Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for Prescription Pre-Verification of Order message.
- (2) On receipt of a (ORM/O01) Request for Prescription Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Prescription Order message.
- (3) On receipt of a (ORM/O01) Request for IVP Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for IVP Pre-Verification of Order message.
- (4) On receipt of a (ORM/O01) Request for IVP Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for IVP Order message.
- (5) On receipt of a (ORM/O01) Request for Med Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for Med Pre-Verification of Order message.
- (6) On receipt of a (ORM/O01) Request for Med Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Med Order message.

2.5.3.3 Radiology Order Request

CHCS will pre-verify and process requests for radiology orders. Pre-verification includes screening to ensure that the specified procedure is a valid order and may be ordered by the requesting provider. Radiology order pre-verification also includes barium, allergy, and duplicate checking in accordance with the site parameters of the CHCS system. Order processing includes.....

- (1) On receipt of a (ORM/O05) Request for Radiology Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for Radiology Pre-Verification of Order message.
- (2) On receipt of a (ORM/O05) Request for Radiology Order message, CHCS processes the data and replies with a (ORR/ACK) Response to Request for Radiology Order message.

2.5.3.4 Nursing/Nurse-Initiated Order Request

CHCS will pre-verify and process requests for nursing orders and nurse initiated orders. Pre-verification includes screening to ensure that the specified procedure is a valid order, verification that the procedure may be ordered by the requesting provider and duplicate checking in accordance with the site parameters of the CHCS system. Order processing includes.....

- (1) On receipt of a (ORM/O03) Request for Nursing/Nurse-Initiated Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for Pre-Verification of Nursing/Nurse-Initiated Order message.
- (2) On receipt of a (ORM/O03) Request for Nursing/Nurse-Initiated order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Nursing/Nurse-Initiated Order message.

2.5.3.5 Consultation Order Request

CHCS will process requests for consultation orders. Order processing includes and duplicate checking in accordance with the site parameters of the CHCS system.

- (1) On receipt of a (ORM/O04) Request for Consultation Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Consultation Order message.

2.5.3.6 Clinical Order Request

CHCS will process requests for clinical orders. Order processing includes duplicate checking in accordance with the site parameters of the CHCS system.

- (1) On receipt of a (ORM/O03) Request for Clinical Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Clinical Order message.

2.5.3.7 Ancillary Orders

CHCS will process requests for scheduled ancillary orders and will both pre-verify and process requests for unscheduled ancillary orders. Pre-verification includes screening to ensure that the specified procedure is a valid order, verification that the procedure may be ordered by the requesting provider and duplicate checking in accordance with the site parameters of the CHCS system. Order processing includes.....

- (1) On receipt of a (ORM/O30) Request for Scheduled Ancillary Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Scheduled Ancillary Order message.
- (2) On receipt of a (ORM/O30) Request for Unscheduled Ancillary Pre-Verification of Order message, CHCS pre-verifies the order and replies with a (ORR/ACK) Response to Request for Unscheduled Ancillary Pre-Verification of Order message.
- (3) On receipt of a (ORM/O30) Request for Unscheduled Ancillary Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Unscheduled Ancillary Order message.

2.5.3.8 Diet Order Request

CHCS will process requests for diet orders. Order processing includes duplicate checking in accordance with the site parameters of the CHCS system.

- (1) On receipt of a (ORM/O01) Request for Diet Order message, CHCS processes the order and replies with a (ORR/ACK) Response to Request for Diet Order message.

2.5.4 Alert Notifications

CHCS will issue alert notifications to External Systems for situations requiring specific users to take actions such as reviewing of results or completion of consults. CHCS will issue the following notifications for specific users.

- Consult Result Incomplete
- New Result
- Orders to Sign
- Priority Result
- Incomplete Telephone Consult (>Xdays)
- Incomplete Telephone Consult
- New Telephone Consult
- New Mail

CHCS will issue the alert notification when the first action item arises and will cancel the notification upon completion of all actions within the scope of the notification.

- (1) On trigger, A new telephone consult is entered for a Provider, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (2) On trigger, A provider enters a provider note to a telephone consult and prints the consult, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (3) On trigger, A provider has incomplete telephone consults, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (4) On trigger, A provider has unread mail available in CHCS and the sender is Postmaster, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (5) On trigger, A provider reads all new mail bulletins, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (6) On trigger, A provider reads new amended laboratory results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (7) On trigger, A provider reads new amended radiology results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (8) On trigger, A provider reads new certified critical laboratory results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (9) On trigger, A provider reads new certified critical radiology results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (10) On trigger, A provider reads new laboratory results ordered with a processing priority of ASAP, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (11) On trigger, A provider reads new laboratory results ordered with a processing priority of NOTIFY AND ROUTIN, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (12) On trigger, A provider reads new laboratory results ordered with a processing priority of PREOP, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (13) On trigger, A provider reads new laboratory results ordered with a processing priority of STAT, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (14) On trigger, A provider reads new laboratory results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (15) On trigger, A provider reads new positive culture lab results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (16) On trigger, A provider reads new priority laboratory results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (17) On trigger, A provider reads new priority radiology results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (18) On trigger, A provider reads new radiology results ordered with a processing priority of ASAP, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (19) On trigger, A provider reads new radiology results ordered with a processing priority of NOTIFY AND ROUTINE, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (20) On trigger, A provider reads new radiology results ordered with a processing priority of PREOP, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (21) On trigger, A provider reads new radiology results ordered with a processing priority of STAT, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (22) On trigger, A provider reads new radiology results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (23) On trigger, A provider signs orders, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (24) On trigger, A provider verifies consult results, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (25) On trigger, A provider views and comments on a new telephone consult, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (26) On trigger, A provider views and comments on incomplete telephone consults, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (27) On trigger, Amended results are certified, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (28) On trigger, An order is placed in CHCS by a user with Provider Class of 0-1, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (29) On trigger, Critical results are certified, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (30) On trigger, New information is added to a previously viewed telephone consult, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (31) On trigger, New Lab results are available in CHCS, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (32) On trigger, New Radiology results are available in CHCS, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (33) On trigger, Orders with priorities of ASAP are resulted, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (34) On trigger, Orders with priorities of NOTIFY AND ROUTINE are resulted, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (35) On trigger, Orders with priorities of PREOP are resulted, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (36) On trigger, Orders with priorities of STAT are resulted, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (37) On trigger, Positive cultures are certified, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (38) On trigger, Results designated as priority by Lab users are certified, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

- (39) On trigger, Results designated as priority by Radiology users are certified, CHCS shall send ZNT/N01 - Notification Message (HL XM NOTIFICATION MESSAGE) to the following External Systems:

CIS

CIW

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3. MESSAGE DEFINITIONS

3.1 GENERAL MESSAGE STRUCTURE

A **message** is the atomic unit of data transferred between systems. It consists of a group of segments in a defined sequence. Each message has a **message type** that defines its purpose. For example the ADT Message type is used to transmit portions of a patient's ADT data from one system to another. A three character code contained within each message identifies its type. All message types and trigger event codes beginning with the letter "Z" are reserved for locally defined (custom) messages. No such codes are defined within the HL7 Standard. This paragraph specifies the segments to be included in each message specified in paragraph 3.1.

Each message is defined in special notation that lists the segment IDs in the sequence they would appear in the message. Braces and brackets are used to indicate that individual segments or groups of segments are optional or may repeat.

Braces { } The enclosed group of segments may repeat one or more times

Brackets [] The enclosed group of segments is optional

If a group of segments is optional and may also repeat it should be enclosed in both brackets and braces. Note that [{...}] and {[...]} are equivalent.

Whenever braces or brackets enclose more than one segment ID a special stylistic convention is used to help the reader understand the hierarchy of repetition. For example, the first segment ID appears on the same line as the brace, two columns to the right. The subsequent segment IDs appear under the first. The closing brace appears on a line of its own in the same column as the opening brace. This convention is an optional convenience to the user. If there is conflict between its use and the braces that appear in a message schematic, the braces define the actual grouping of segments that is permitted. The following message specifications identify the segments included in each of the requirements stated above. Messages are arranged in alphabetical order.

3.2 GENERAL SEGMENT STRUCTURE

A **segment** is a logical grouping of **data fields**. An HL7 data field is an ASCII character string. Fields of a segment a may be required or optional. They may occur only once in a segment or they may be allowed to repeat.

Each segment is given a name. For example, the ADT message may contain the following segments: Message Header (MSH), Event Type (EVN), Patient ID (PID), and Patient Visit (PV1).

Each segment is identified by a unique three-character code known as the Segment ID.

All segment ID codes beginning with "Z" are reserved for locally defined (custom) segments. No such codes are defined within the HL7 Standard.

All messages originating from CHCS are fully populated with data. This also is true for update messages. If only one field in a message is actually being updated, the rest of the fields in the message still are populated. This paragraph contains **segment attribute tables** describing the data fields in each segment and the characteristics of their usage. Refer to Figure 3-1. Segment Attribute Table Format.

Seq	Element	Len	DT	R/O	RP #	Description
1						
2						
SEQ - Position (sequence within the segment)		Ordinal position of the data field within the segment. This number is used to refer to the data field in the text comments that follow the segment definition table.				
Element Name		Globally unique descriptive name for the field.				
LEN - Maximum length		Maximum number of characters that one occurrence of the data field may occupy. The maximum length is not of conceptual importance in the abstract message or the HL7 coding rules. However, in general practice the maximum length is often negotiated on an interface-specific basis. It is calculated to include the component and sub-component separators. Because the maximum length is that of a single occurrence, the repetition separator is not included in calculating the maximum length.				
DT - Data Type		Restrictions on the contents of the data field. There are a number of data types defined by HL7. Those used by CHCS are defined in paragraph 3.2.3.				
R/O - Optional		Whether the field is required, optional, or conditional in a segment. The designations are:				
R - required						
O - optional						
N - not used (this is not an HL7 standard designation)						
C - Conditional on the trigger event or on some other field(s)						
RP/# - Repetition		Whether the data field may repeat. Each occurrence may contain the number of characters specified by the field's maximum length. The designations are:				
N - no repetition						
Y - the field may repeat an indefinite or site determined number of times						
# - Integer number of times the field <u>may</u> repeat						
Description		A high-level description of the contents of the field.				

Figure 3-1. Segment Attribute Table Format

Omitting an optional field is not equivalent to a null value in that field. Except as noted in the Segment Attribute Tables, CHCS will follow the HL7 convention of representing null values as double quotes ("") for required fields, but not optional fields.

3.3 DATA TYPE REQUIREMENTS

CHCS uses the backslash (\) as the component delimiter (as specified in the Encoding Characters in the MSH segment) for all outbound messages. For simplicity, the "\ " is used throughout this document as the component delimiter. For inbound messages, each system will parse on the component delimiter specified by the Encoding Characters in the MSH segment. In this document, angle brackets (<>) enclose the components of the data type to indicate that a value is to be inserted at that point and is not included in the data type.

3.3.1 AD - Address

```
<street address> \ <other designation> \ <city> \ <state or province> \
<zip> \ <country> \ <type> \ <other geographic designator>
```

CHCS may populate the **State** field with geographic locations other than states or provinces. CHCS will accept two letter codes for **State** name, but will send full geographic location names. **Zip** may be either five or nine digits (*this is a deviation from the HL7 Standard*). If null, **Country** is United States. All components are ST data type. **Street Address** and **Other Designations**. Fields may include encoding characters such as |, ~, or &.

3.3.2 CE - Coded Element

Transmits a code and associated text. Six components arranged in two groups.

```
<identifier> \ <text> \ <name of coding system> \ <alternate identifier> \
<alternate text> \ <name of alternate coding system>
```

Where **Identifier** is a sequence of characters (the code) that uniquely identifies item being referenced by text. **Text** provides the name or description of the item in question. May include encoding characters such as |, ~, or &. **Name of coding system** provides a unique identifier for the coding system. This component identifies the coding scheme used in the identifier component. The combination of the **identifier** and **name of coding system** components establishes a unique reference for the data item.

3.3.3 CK - Composite ID with check digit

```
<ID number (NM)> \ <check digit (NM)> \ <check digit scheme (ST)>\  
<assigning facility ID (ST)>
```

Check digit and check digit scheme are not implemented. The Assigning Facility ID equates to the CHCS MTF code.

3.3.4 CM - Composite

A field that is a combination of other data fields. Each portion is a component. (Specific components are defined within the field description.)

3.3.5 CN - Composite ID

Composite ID number & name. Prefix and degree components are not used.

```
<ID Number> \ <family name> \ <given name> \ <middle initial or name> \  
<suffix> \ \ \ <source table>
```

3.3.6 CQ - Composite Quantity

Composite Quantity with units. Default units may be defined within specifications by field.

```
<quantity> \ <units>
```

3.3.7 DT - Date

YYYYMMDD

Eight (8) digits where **YYYY** = year; **MM** = month; and **DD** = day. **Imprecise Dates** are indicated by DD = 00 and MMDD = 0000. Valid imprecise dates are YYYY0000 and YYYYMM00.

3.3.8 ID - Coded value.

Formatting same as ST but drawn from a table of legal values such as rank, religion or gender.

3.3.9 MO - Money

<quantity> \ <denomination>

If null, *denomination* is US dollars.

3.3.10 NM - Numeric

Optional leading sign (+ or -). Optional decimal point. No non-numeric ASCII

3.3.11 PN - Person Name

<family name> \ <given name> \ <middle initial or name> \ <suffix> \
<prefix> \ <degree>

Maximum Length = 48 characters including component separators.

3.3.12 SI - Sequence ID

Positive integer in form of an NM field.

3.3.13 ST - String Data.

Left justified. Trailing blanks optional. Displayable ASCII characters. May contain encoding characters such as \, |, ~, or &.

3.3.14 TM - Time

HHMM[SS]

Where *HH* = hour; *MM* = minute; and *SS* = second. Seconds are optional. *Midnight* may be represented as either 2400[00] or 0000[00] -- *this is a deviation from the HL7 Standard*. Times from 000001 through 000059 may be transformed to 000100 by the receiving application.

3.3.15 TN - Telephone number.

CHCS does not export data in the TN data type. Outgoing telephone numbers are transmitted as ST data types. Incoming "TN" data is interpreted as a ST data types and stored verbatim.

3.3.16 TQ - Quantity/Timing

Used for ORC-7 and OBR-27 segments. Describes when and how frequently a service should be performed. The TQ data type is explained in Section 4.4 of the HL7 2.2 standard.

```
<quantity> \ <interval> \ <duration> \ <start date/time> \ <end date/time>
\ <priority> \ <condition> \ <text> \ <conjunction> \ <order sequencing>
```

Quantity defines the number of items per administration. Equal to 1 for CHCS order types

Interval provides the frequency and administration times with three subcomponents in format:

```
<unexpanded times>&<administration times>&<frequency>
```

Example:

QID&0600-1200-1800-2400 or &0800&QD

The **Duration** component indicates how long the service should continue after it is started. The default is INDEF (do indefinitely). This component is coded as follows:

S <integer>	=	<integer> Seconds
M <integer>	=	<integer> Minutes
H <integer>	=	<integer> Hours
D <integer>	=	<integer> Days
W <integer>	=	<integer> Weeks
L <integer>	=	<integer> Months
X <integer>	=	<integer> times the interval specified in the order.
T <integer>	=	at the interval and amount stated until a total of <integer> dosage is accumulated. Units are defined in the Quantity component

Start Date/Time and **Date/Time** provide the start and expiration date/time of order in Time Stamp (TS) format

The **Priority** of the order is chosen from the following values:

```
S = STAT, R = Routine, T = Notify/Routine, A = ASAP, P = Preop
```

Additional **Text** for the order is in ST format

The **Condition**, **Conjunction** and **Order Sequencing** components are not used.

3.3.17 TS - Time Stamp:

`<Date/Time> \ <degree of precision>`

The **Date/Time** is in the format YYYYMMDD[HHMM[SS]]. **Imprecise Date/Time** may be explicitly declared by using the optional second component, inferred from the field length or inferred from zero values. An **Imprecise Date** is indicated by DD = 00 or MM = 00. If provided, HHMMSS in imprecise dates must be 000000.

The optional **Degree of Precision** is chosen from the following values

`Y = year, L = month, D = day, H = hour, M = minute and S = second.`

Midnight may be represented as YYYYMMDD240000 or YYYYMMDD000000.

3.4 CHCS DATA MAPPING

CHCS uses the data mapping process to evaluate the data in an incoming message. CHCS attempts to match the incoming record to an existing record and determine if that record should be updated. If CHCS cannot match the record to an existing record, it adds a new record. In addition data validation rules may be used to determine if the incoming data should be accepted or rejected.

CHCS first attempts to make an exact match with an existing record. If an exact match is found, CHCS updates that record. If CHCS cannot find an exact match to the incoming message, it uses a process called data correlation to match specific data to an existing record and determine what fields should be updated.

Data correlation is based on primary and secondary criteria. The existing record must match all the primary criteria, or all of the secondary criteria for the fields in the segments of that message. CHCS checks the primary criteria for a match first. Each set of criteria has associated data processing rules. These rules state which of fields should be updated with the incoming record information and which fields of data should be ignored. CHCS uses the data processing rules associated with the matched set of criteria to update the existing record.

If data validation is being used, CHCS must find that the received record conforms to the data validation rules before updating the existing record or creating a new record. If CHCS determines that the received record does not conform to the data validation rules, CHCS must reject the received record.

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4. COMMUNICATION PROTOCOLS

The interface between CHCS and external system is established via a perpetual Transmission Control Protocol/Internet Protocol (TCP/IP) connection. Two TCP sockets provide bi-directional communications between the two systems. Systems may be configured with additional sockets as needed to support message traffic. Within the context of the TCP socket, external system will be the server to which the CHCS will connect as a client.

4.1 INTERFACE INITIATION FOR TCP SOCKETS

Initiating the connection between CHCS and external system will require coordination between the administrators of each system to establish the number of sockets and to exchange the following locally defined TCP socket parameters:

- a. CHCS IP Address(es)
- b. External system IP Address(es)
- c. External system IP Port(s)
- d. Initialization String sent by CHCS to external system
- e. Initialization Response sent by external system to CHCS
- f. Initialization Response Time Out Interval (Recommended Interval = 1 Minute)
- g. Initialization Retry Attempts (Recommended Retry Attempts = 2)
- h. Message Retry Attempts (Recommended Retry Attempts = 2)
- i. External system DMIS ID
- j. CHCS MTF Code

Requirements:

- (1) External system shall initiate the interface by establishing a TCP Server Socket.
- (2) CHCS shall connect to the external system TCP Server Socket as a TCP Client.
- (3) CHCS shall transmit the locally defined Initialization String to external system.
- (4) If external system has not received the locally defined Initialization String from a system which has connected to its TCP Server Socket within the locally defined Time Out Interval, it shall disconnect that system and return to a "listen" state.
- (5) Upon receipt of the locally defined Initialization String, external system shall transmit the locally defined Initialization Response to CHCS.

- (6) If CHCS does not receive the Initialization Response within the locally defined Time Out Interval, CHCS shall retransmit the Initialization String for a locally defined number of Initialization Retry Attempts.
- (7) If CHCS has retransmitted the Initialization String for a locally defined number of Initialization Retry Attempts and has not received the Initialization Response within the locally defined Time Out Interval, CHCS shall disconnect from the TCP Server and reattempt the connection.

4.2 FLOW CONTROL

Interfaces with CHCS use the HL7 Minimal Lower Layer Protocol, including acknowledgement messages, for data interchange. This protocol relies on the Message Header (MSH) Segment to define encoding, routing and acknowledgement rules governing the message. Table 4-1 identifies the elements within the segment and indicates if they are required, optional or not used.

Table 4-1. MSH Segment

Seq	Element Name	R/O	Description
1	Field Separator	R	
2	Encoding Characters	R	
3	Sending Application	O	See Segment Specifications in Appendix B
4	Sending Facility	O	Facility Identifier
5	Receiving Application	O	See Segment Specifications in Appendix B
6	Receiving Facility	O	Facility Identifier
7	Message Date/Time	O	Creation Date/Time
8	Security	N	
9	Message Type	R	See Segment Specifications in Appendix B
10	Message Control ID	R	Unique Sending System Identifier
11	Processing ID	<I>*	P = Production
12	Version ID	<I>*	2.2 = HL7 Version Number
13	Sequence Number	N	
14	Continuation Pointer	N	
15	Accept Acknowledgement	O	AL = Always; NE = Never
16	Application Acknowledgement Type	O	AL = Always; NE = Never
17	Country Code	N	

*<1> Usually required, but may vary for specific interfaces.

The following requirements specify the use of special characters to delimit messages and segments and the interpretation of MSH elements.

Requirements:

- (1) The sending system shall enclose each HL7 message with special characters to form the following block:

<SB>MSH Segment <CR>
Second Segment <CR>...
Last Segment <CR>
<EB><CR>

Where: <SB> = Start of Block (ASCII 11)
 <EB> = End of Block (ASCII 28)
 <CR> = Carriage Return (ASCII 13)

- (2) Each system shall populate the following required elements of the MSH segment:

- (a) MSH-1 Field Separator;
- (b) MSH-2 Encoding Characters;
- (c) MSH-9 Message Type;
- (d) MSH-10 Message Control ID;
- (e) MSH-11 Processing ID; and
- (f) MSH-12 Version ID.

- (3) CHCS shall populate the Sending Facility and Receiving Facility elements of the MSH segment as follows:

- (a) MSH-4 Sending Facility = CHCS MTF Code; and
- (b) MSH-6 Receiving Facility = external system DMIS ID.

- (4) External system shall populate the Sending Facility and Receiving Facility elements of the MSH segment as follows:

- (a) MSH-4 Sending Facility = external system DMIS ID; and
- (b) MSH-6 Receiving Facility = CHCS MTF Code.

4.3 ERROR MANAGEMENT

4.3.1 Bi-Directional Interface

CHCS and external system will use automated procedures to detect when connectivity has been lost and to initiate recovery procedures. CHCS and external system will use the HL7 2.2 enhanced acknowledgement mode, so the receiving system may respond to the message with an Accept Acknowledgement, an Application Acknowledgement, or both. When the receiving system commits the message to safe storage in a manner that releases the sending system from the need to retransmit the message, it sends a positive Accept Acknowledgement. When the receiving system has processed the message, it sends an Application Acknowledgement to return the resultant status to the sending system. Acknowledgements will be provided in the order depicted in Figure 4-1.

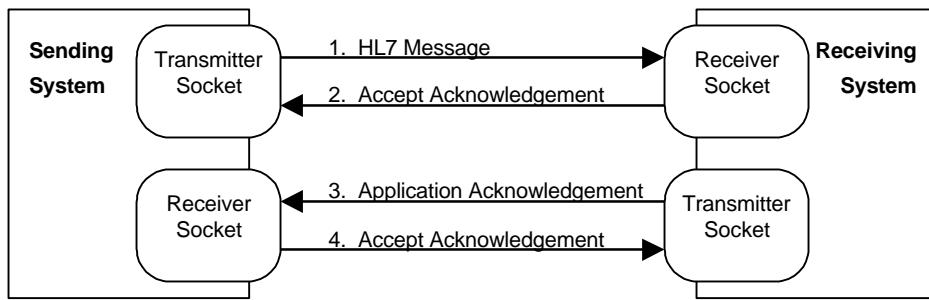


Figure 4-1. Bi-directional Interface

Accept Acknowledgements will be used for all messages and the value passed in the Accept Acknowledgement field of the MSH segment (MSH-15) of the originating message will be ignored. Application Acknowledgements will be used in accordance with the value passed in the Application Acknowledgement Type field of the MSH segment (MSH-16) of the originating message.

Requirements:

- (1) If CHCS detects a remote end disconnect, it shall attempt to reconnect to the External System TCP Server Socket for a locally defined number of Retry Attempts and Time Out Intervals.
- (2) If CHCS detects a remote end disconnect and is unable to reconnect to the External System after locally defined number of Retry Attempts, it shall log an error.
- (3) If External System detects a remote end disconnect, it shall close that channel of its TCP Server Socket and await CHCS reconnection.

- (4) The Receiving system shall return an Accept Acknowledgement with a Commit Accept (CA) status to the Sending System for each incoming HL7 Message in which the Message Header Segment (MSH) conforms to the following criteria:
 - (a) The first segment is a Message Header Segment (MSH);
 - (b) The Message Type Field (MSH-9) contains a valid message type; and
 - (c) The Message Control ID Field (MSH-10) contains an ID.
- (5) The Receiving system shall return an Accept Acknowledgement with a Commit Reject (CR) status to the Sending System for each incoming HL7 Message in which the Message Header Segment (MSH) fails to conform to the following criteria:
 - (a) The first segment is a Message Header Segment (MSH);
 - (b) The Message Type Field (MSH-9) contains a valid message type; and
 - (c) The Message Control ID Field (MSH-10) contains an ID.
- (6) The Receiving system shall return an Accept Acknowledgement with a Commit Error (CE) status to the Sending System for each incoming HL7 Message that it has not accepted for any reasons other than those requiring a Commit Reject.
- (7) Upon receipt of an Accept Acknowledgment with a Commit Error (CE) status from the Receiving System, the Sending System shall re-transmit the original HL7 message until one of the following conditions occurs:
 - (a) Receipt of an Accept Acknowledgment with a Commit Accept (CA) status,
 - (b) Receipt of an Accept Acknowledgment with a Commit Reject (CR) status; or
 - (c) The message has been retransmitted the number of times defined by the Message Retry Attempt parameter.
- (8) The Receiving System shall return an Application Acknowledgement to the Sending System for each incoming HL7 Message in which the Application Acknowledgement Type Field of the MSH Segment (MSH-16) is set to "AL".

4.3.2 Unidirectional Interface:

The Unidirectional interface with CHCS is a tailored form of the Bi-directional Interface. For a Unidirectional interface make the following changes to the section above:

- Replace the last sentence of introductory material with "Application Acknowledgements will not be used for any messages."
- Replace Figure 4-1 with Figure 4-2. Unidirectional Interface:

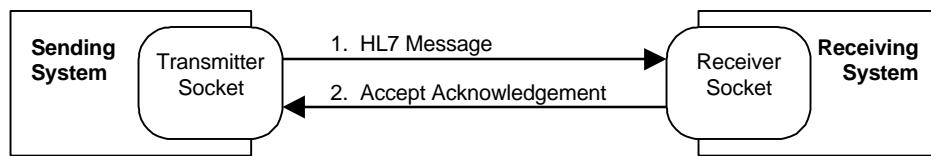


Figure 4-2. Unidirectional Interface

- Delete Requirement 4.3 1 (8).

4.4 SECURITY FEATURES

Interfaces with CHCS rely on security features provided by the lower level protocols and the network over which data is passed. No additional security features are provided.

**CHCS HEALTH LEVEL 7
IMPLEMENTATION SPECIFICATION
(CHIS)**

Appendix A

Message Definition Tables

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A. MESSAGE DEFINITION TABLES

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A.1 HL7 VERSION 2.2 MESSAGES

A.1.1 ACK/ACK - Deferred Q/R Accept Acknowledgement

Segment	Segment Name
MSH	Message Header
[MSA]	Message Acknowledgement
[ERR]	Error - Unsolicited Messages

A.1.2 ADR/A19 - Deferred Q/R Patient Query Response

Segment	Segment Name
MSH	Message Header
[MSA]	Message Acknowledgement
[ERR]	Error - Query/Response Messages
[QRD]	Query Definition
[ERR]	Error - Query/Response Messages
[IN1]	Insurance
[ERR]	Error - Unsolicited Messages
[IN2]	Insurance - additional info
[AIP]	Appointment Information - Personnel Resource
[IN1]	Insurance
[DG1]	Diagnosis
[IN2]	Insurance - additional info
[ZPI]	Additional Patient Eligibility Info

A.1.3 ADR/A19 - Response to Patient Query

Segment	Segment Name
MSH	Message Header
MSA	Message Acknowledgement
[{ ERR }]	Error - Query/Response Messages
[QRD]	Query Definition
[{ QRF }]	Query Filters
[PID]	Patient Identification
[DSC]	Continuation Pointer

A.1.4 ADT/A01 - Admit a Patient

Segment	Segment Name	Additional Comments
MSH	Message Header	
EVN	Event Type	
PID	Patient Identification	
[NK1]	Next of Kin	
[{ PV1 }]	Patient Visit	
[DG1]	Diagnosis	
[{ PR1 }]	Procedures	Two PR1s; one for ICD9 codes, one for CPT codes
[{ IN1 }]	Insurance	
[IN2]	Insurance - additional info	
[ZP1]	Additional Patient Information	

A.1.5 ADT/A02 - Transfer a Patient

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.6 ADT/A03 - Discharge a Patient

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.7 ADT/A08 - Update Patient (ADT) Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
EVN	Event Type	
PID	Patient Identification	
[NK1]	Next of Kin	
{ PV1 }	Patient Visit	
[DG1]	Diagnosis	
[PR1]	Procedures	Two PR1s; one for ICD9 codes, one for CPT codes
[{ IN1 }]	Insurance	
[IN2]	Insurance - additional info	
[ZP1]	Additional Patient Information	

A.1.8 ADT/A11 - Cancel Admit

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.9 ADT/A12 - Cancel Transfer

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.10 ADT/A13 - Cancel Discharge

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.11 ADT/A17 - Swap Patient Beds

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit
PID	Patient Identification
PV1	Patient Visit

A.1.12 ADT/A18 - Merge Patient information

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit
ZPI	Additional Patient Eligibility Info
[MRG]	Merge Patient Information

A.1.13 ADT/A20 - Bed Status Update

Segment	Segment Name
MSH	Message Header
EVN	Event Type
NPU	Bed Status Update

A.1.14 ADT/A21 - Patient Goes on a "Leave of Absence"

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.15 ADT/A22 - Patient Returns from a "Leave of Absence"

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
PV1	Patient Visit

A.1.16 ADT/A24 - Link Patient Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
EVN	Event Type	
PID	Patient Identification	Linked to second PID segment
[PV1]	Patient Visit	
PID	Patient Identification	
[PV1]	Patient Visit	

A.1.17 ADT/A28 - Add a Person

Segment	Segment Name
MSH	Message Header
MSH	Message Header
EVN	Event Type
EVN	Event Type
PID	Patient Identification
PID	Patient Identification
PV1	Patient Visit
[NK1]	Next of Kin
[{ IN1 }]	Insurance
PV1	Patient Visit
[{ IN1 }]	Insurance
[{ IN2 }]	Insurance - additional info
[{ IN2 }]	Insurance - additional info
ZPI	Additional Patient Eligibility Info
ZPI	Additional Patient Eligibility Info
ZPS	Sponsor Identification

A.1.18 ADT/A30 - Merge Person Information

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
MRG	Merge Patient Information
ZPI	Additional Patient Eligibility Info

A.1.19 ADT/A31 - Update Person Information

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[NK1]	Next of Kin
PV1	Patient Visit
[{ IN1 }]	Insurance
[IN2]	Insurance - additional info
ZPI	Additional Patient Eligibility Info
[ZP1]	Additional Patient Information
ZPS	Sponsor Identification

A.1.20 ADT/A37 - Unlink Patient Information

Segment	Segment Name
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PV1]	Patient Visit
PID	Patient Identification
[PV1]	Patient Visit

A.1.21 ADT/ZZ8 - Patient Out

Segment	Segment Name	Additional Comments
MSH	Message Header	
EVN	Event Type - Clinical Information	
PID	Patient Identification	
[NK1]	Next of Kin - Clinical Information	
[{ AL1 }]	Patient Allergy Information	
[{ DG1 }]	Diagnosis - Clinical Information	Two DG1s; one for canned text, one for free text
[ZP1]	Additional Patient Information	

A.1.22 LAB/ORU - Unsolicited Result - Microbiology

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Laboratory
OBR	Observation Request - Laboratory
OBX	Observation/Result - Microbiology Test
[{ OBX }]	Observation/Result - Microbiology
[{ OBX }]	Observation/Result - Microbiology Coded (Description Code Reference)
[{ OBX }]	Observation/Result - Microbiology Antibiotic
[{ ZL1 }]	CPT Workload
ZPX	Custom Extra Patient Information

A.1.23 LSI/O01 - Test Orders

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
PV1	Patient Visit - DII Instrument
ORC	Common Order - DII Instrument
{ OBR }	Observation Request - DII Instrument Orders

A.1.24 LSI/O01 - Test Results

Segment	Segment Name
MSH	Message Header
[PID]	Patient Identification - DII Instrument
[PV1]	Patient Visit
{ OBR }	Observation Request - DII Instrument Results
{ OBX }	Observation/Result - DII Instrument
[{ ZLE }]	Instrument/Test Error
[{ NTE }]	Notes and Comments - DII Instrument

A.1.25 LSI/ZL2 - Instrument Start/Stop Request

Segment	Segment Name
MSH	Message Header
ZL2	Instrument Start/Stop

A.1.26 LSI/ZL2 - Instrument Status Message

Segment	Segment Name
MSH	Message Header
{ ZL2 }	Instrument Start/Stop

A.1.27 LSI/ZL3 - Error Code Update

Segment	Segment Name
MSH	Message Header
{ ZL3 }	Error Code Update

A.1.28 MFN/M01 - Master File Notification

Segment	Segment Name
MSH	Message Header
MFI	Master File Identification
MFE	Master File Entry
[ZM1]	Rad Procedure Master File
[ZML]	Hospital Location Master File
[{ STF }]	Staff Identification
[ZMP]	Provider Additional Info Master File
[{ ZMU }]	User Master File
[{ ZMG }]	Geographic Location Master File
[ZMZ]	Zip Code Master File
[ZMD]	Drug Master File
[ZMM]	MEPRS Code Master File
[ZN1]	Ward Location Master File
[{ ZN2 }]	Ward Multiple Room Info Master File
[ZND]	Allergies Selections Master File
[ZMC]	Provider Class Master File
[ZMS]	Department and Services Master File
[ZM3]	Medical Center Division Master File
[ZM6]	DMIS ID Master File
[ZM4]	Ancillary Procedures Master File
[ZNS]	Title
[ZM9]	Diet Master File
[ZMI]	Insurance Master File
[ZM5]	Unit Ship ID Master File
[ZMB]	Provider Specialty Master File
[ZMF]	MTF Master File
[{ ZMH }]	Hospital Location Appointment Type Master File
[ZMJ]	ICD Operations/Procedures
[ZM8]	Family Member Prefix Master File
[ZNA]	PSAFDB ADIMMSTR ADIMTBL ADIMMONO Master File
[{ ZNC }]	PSAFDB ADIMMON Master File
[ZM7]	User Allowable Division
[ZMY]	Return Codes Master File
[ZNF]	PSAFDB DAC MONO INDEX CITE Master File
[{ ZNG }]	PSAFDB DAC MONO INDEX CITE CAUTION Master File
[ZNH]	PSAFDB DAC MONO INDEX CITE SECTION Master File
[{ ZNI }]	PSAFDB DAC MONO INDEX CITE CITATION Master File
[ZNK]	PSAFDB DAC MONO INDEX CITE NAV

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Segment	Segment Name
[ZMQ]	ICD Diagnosis Master File
[{ ZMV }]	ICD Diagnosis - Additional Info
[ZMK]	CPT/HCPCS Master File
[{ ZN9 }]	CPT/HCPCS Modifiers Master File
[ZME]	Appointment Type Code
[ZNE]	Professional Category
[ZMR]	Medication Route

A.1.29 ORF/R04 - Deferred Q/R Lab Chemistry Result

Segment	Segment Name
PID	Patient Identification
MSH	Message Header
QRD	Query Definition
ORC	Common Order - Laboratory
{ OBR }	Observation Request - Laboratory
{ OBX }	Observation/Result - Blood Bank Order
[{ NTE }]	Notes and Comments
[{ ZOB }]	Blood Product
[{ ZL1 }]	CPT Workload

A.1.30 ORF/R04 - Deferred Q/R Anatomic Pathology Result

Segment	Segment Name
MSH	Message Header
QRD	Query Definition
[PID]	Patient Identification
[ORC]	Common Order - Laboratory
{ OBR }	Observation Request - Laboratory
[{ OBX }]	Observation/Result - Anatomic Pathology
[{ ZL1 }]	CPT Workload

A.1.31 ORF/R04 - Deferred Q/R Certification of Blood Product or Test Result

Segment	Segment Name
MSH	Message Header
QRD	Query Definition
PID	Patient Identification
ORC	Common Order - Laboratory
OBR	Observation Request - Laboratory
OBX	Observation/Result - Clinical Chemistry
[{ NTE }]	Notes and Comments
[{ ZL1 }]	CPT Workload

A.1.32 ORF/R04 - Deferred Q/R Microbiology Results

Segment	Segment Name
MSH	Message Header
QRD	Query Definition
PID	Patient Identification
ORC	Common Order - Laboratory
OBR	Observation Request - Laboratory
OBX	Observation/Result - Microbiology Test
[{ OBX }]	Observation/Result - Microbiology
[{ OBX }]	Observation/Result - Microbiology Coded (Description Code Reference)
[{ OBX }]	Observation/Result - Microbiology Antibiotic
[{ ZL1 }]	CPT Workload
ZPX	Custom Extra Patient Information

A.1.33 ORF/R04 - Deferred Q/R Radiology Result

Segment	Segment Name
MSH	Message Header
QRD	Query Definition
PID	Patient Identification
OBR	Observation Request - Radiology Result
ORC	Common Order - Radiology
[{ OBX }]	Observation/Result - Radiology
[{ OBX }]	Observation/Result - Radiology Code
[{ ZL1 }]	CPT Workload

A.1.34 ORM/O01 - Order Message - AP Clinical History

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
ORC	Common Order - Laboratory	
OBR	Observation Request - Anatomic Pathology Results	
[{ OBX }]	Observation/Result - Clinical History	one OBX for each observation
[{ OBX }]	Observation/Result - Specimen/Container	one OBX for each specimen/container

A.1.35 ORM/O01 - Order Message - Blood Bank Order/Accession

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
OBR	Observation Request - Blood Orders	
[{ OBX }]	Observation/Result - Blood Test Result	one OBX for each observation
ZOR	Blood Order	
[{ ZOB }]	Blood Product	

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A.1.36 ORM/O01 - Order Message - Clinical/Consultation

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
OBR	Observation Request - Outbound Messages	
[{ NTE }]	Notes and Comments	required for Consultation order
ZOR	Custom Order Observation - Clinical/Radiology	

A.1.37 ORM/O01 - Order Message - Diet

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
ODS	Dietary Orders, Supplements and Preferences
ZOR	Custom Order Observation - Clinical/Radiology

A.1.38 ORM/O01 - Order Message - General Lab Order

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
OBR	Observation Request - Outbound Messages	
ZOR	Custom Order Observation - Clinical/Radiology	
[{ OBX }]	Observation/Result - Clinical History	clinical history segments
[{ OBX }]	Observation/Result - Specimen/Container	specimen/container
[{ ZOG }]	Custom Lab Cytologic Gyn Info	
[{ ZOE }]	Custom Lab Blood Bank Order/Observation	
[{ ZOT }]	Custom Blood Products	
[{ ZOO }]	Custom Override Warnings	one ZOO for each override
[ZOW]	Custom Warnings	

A.1.39 ORM/O01 - Order Message - IV (Override Warnings)

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
[RXO]	Pharmacy Prescription/IVP Order	
[RXR]	Pharmacy Route	
ZOR	Custom Order Observation - Clinical/Radiology	
[{ ZOO }]	Custom Override Warnings	one ZOO for each override
[{ ZOW }]	Custom Warnings	one ZOW for each warning

A.1.40 ORM/O01 - Order Message - IV Component

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
RXO	Pharmacy Prescription Order - Unit Dose or IV	
[RXR]	Pharmacy Route	
[{ RXC }]	Pharmacy Component Order	one RXC for each base or additive
ZOR	Custom Order Observation - Clinical/Radiology	

A.1.41 ORM/O01 - Order Message - Nursing/Nurse-initiated Order

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
[OBR]	Observation Request - Outbound Messages
ZOR	Custom Order Observation - Clinical/Radiology
[{ ZOO }]	Custom Override Warnings
[ZOW]	Custom Warnings

A.1.42 ORM/O01 - Order Message - Prescription and Unit Dose

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
[RXO]	Pharmacy Prescription Order - Unit Dose or IV	
[RXR]	Pharmacy Route	Not used for Prescription Orders
ZOR	Custom Order Observation - Clinical/Radiology	
[{ ZOO }]	Custom Override Warnings	one ZOO for each override
[{ ZOW }]	Custom Warnings	one ZOW for each warning

A.1.43 ORM/O01 - Radiology Order

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
OBR	Observation Request - Outbound Messages
[{ NTE }]	Notes and Comments
ZOR	Custom Order Observation - Clinical/Radiology
[{ ZOO }]	Custom Override Warnings
[ZOW]	Custom Warnings

A.1.44 ORM/O01 - Request for ANCILLARY Order

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
ORC	Common Order - Laboratory	
OBR	Observation Request - Outbound Messages	
ZOR	Custom Order Observation - Clinical/Radiology	
[ZOO]	Custom Override Warnings	Used only for Ancillary Order
[{ ZOW }]	Custom Warnings	Used only for Ancillary Order
[ZOB]	Custom Order Batch	Not used for pre-verification

A.1.45 ORM/O01 - Request for CON/CLN Order

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Laboratory
OBR	Observation Request - Outbound Messages
{ NTE }	Notes and Comments
ZOR	Custom Order Observation - Clinical/Radiology
[{ ZOB }]	Custom Order Batch

A.1.46 ORM/O01 - Request for DTS Order

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Laboratory
ODS	Dietary Orders, Supplements and Preferences
[ZOR]	Custom Order Observation - Clinical/Radiology
[{ ZOB }]	Custom Order Batch

A.1.47 ORM/O01 - Request for IVP/MED Order

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
RXO	Pharmacy Prescription/IVP Order	
RXR	Pharmacy Route	
[OBX]	Observation/Result - IVM	Used only for IVP Orders
ZOR	Custom Order Observation - Clinical/Radiology	
[ZOB]	Custom Order Batch	Not used for pre-verification
[ZOO]	Custom Override Warnings	
[{ ZOW }]	Custom Warnings	

A.1.48 ORM/O01 - Request for LAB Order

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
ORC	Common Order - Laboratory	
OBR	Observation Request - Outbound Messages	
ZOR	Custom Order Observation - Clinical/Radiology	
[{ OBR }]	Observation Request - Laboratory	Not used for pre-verification
[ZOG]	Custom Lab Cytologic Gyn Info	Not used for pre-verification
[ZOE]	Custom Lab Blood Bank Order/Observation	Not used for pre-verification
[ZOT]	Custom Blood Products	Not used for pre-verification
[ZOO]	Custom Override Warnings	Not used for pre-verification
[ZOW]	Custom Warnings	Not used for pre-verification
[ZOB]	Custom Order Batch	Not used for pre-verification

A.1.49 ORM/O01 - Request for NRS/NIO Order

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
[ORC]	Common Order - Laboratory	
OBR	Observation Request - Outbound Messages	
ZOR	Custom Order Observation - Clinical/Radiology	
[ZOO]	Custom Override Warnings	Not used for pre-verification
[{ ZOW }]	Custom Warnings	Not used for pre-verification
[OBR]	Observation Order	Not used for pre-verification

A.1.50 ORM/O01 - Request for RAD Order

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
ORC	Common Order - Laboratory	
OBR	Observation Request - Outbound Messages	
[{ NTE }]	Notes and Comments	Not used for pre-verification
ZOR	Custom Order Observation - Clinical/Radiology	
[ZOB]	Custom Order Batch	Not used for pre-verification
[ZOO]	Custom Override Warnings	Not used for pre-verification
[{ ZOW }]	Custom Warnings	Not used for pre-verification

A.1.51 ORM/O01 - Request for RX Order

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Laboratory
RXO	Pharmacy Prescription/IVP Order
ZOR	Custom Order Observation - Clinical/Radiology
[ZOB]	Custom Order Batch
[ZOO]	Custom Override Warnings
[{ ZOW }]	Custom Warnings

A.1.52 ORM/O30 - Ancillary Order (Scheduled/Unscheduled)

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Laboratory
OBR	Observation Request - Outbound Messages
ZOR	Custom Order Observation - Clinical/Radiology
[{ ZOO }]	Custom Override Warnings
[ZOW]	Custom Warnings

A.1.53 ORR/ACK - Response to ANCILLARY Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Used only if errors are encountered
PID	Patient Identification	
ORC	Common Order - Laboratory	
[ZOS]	Custom Warning Status	Used only for response to Unscheduled Ancillary Order
[{ ZOW }]	Custom Warnings	Used only for response to Unscheduled Ancillary Order

A.1.54 ORR/ACK - Response to CON/CLN Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Used only if errors are encountered
PID	Patient Identification	
ORC	Common Order - Laboratory	

A.1.55 ORR/ACK - Response to DTS Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
[MSA]	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Used only if errors are encountered
PID	Patient Identification	
ORC	Common Order - Laboratory	

A.1.56 ORR/ACK - Response to IVP/MED Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	
PID	Patient Identification	
ORC	Common Order - Laboratory	
[RXO]	Pharmacy Prescription/IVP Order	
[RXR]	Pharmacy Route	
[ZOR]	Custom Order Observation - Clinical/Radiology	Used only for Response to IVP Order
[ZPD]	Drug Defaults	
[ZOS]	Custom Warning Status	
[ZOW]	Custom Warnings	

A.1.57 ORR/ACK - Response to LAB Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Included only if errors were present in the Request message
PID	Patient Identification	
{ ORC }	Common Order - Laboratory	
[ZOR]	Custom Order Observation - Clinical/Radiology	Not used for response to pre-verification
[OBR]	Observation Request - Outbound Messages	
[ZOL]	Custom Lab Info	
[ZOC]	Custom Lab Collection Samples	
[ZOE]	Custom Lab Blood Bank Order/Observation	
[ZOS]	Custom Warning Status	
[{ ZOW }]	Custom Warnings	

A.1.58 ORR/ACK - Response to NRS/NIO Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Used only if errors are encountered
PID	Patient Identification	
ORC	Common Order - Laboratory	
[ZOS]	Custom Warning Status	
[{ ZOW }]	Custom Warnings	

A.1.59 ORR/ACK - Response to RAD Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Used only if errors are encountered
PID	Patient Identification	
ORC	Common Order - Laboratory	
[{ NTE }]	Notes and Comments	Not used for response to pre-verification
[OBR]	Observation Request - Outbound Messages	Used only for response to pre-verification
[ZOM]	Custom Rad Approval/Appointment	Used only for response to pre-verification
[ZOS]	Custom Warning Status	
[{ ZOW }]	Custom Warnings	

A.1.60 ORR/ACK - Response to RX Order Request

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSA	Message Acknowledgement	
[{ ERR }]	Error - Unsolicited Messages	Used only if errors are encountered
PID	Patient Identification	
ORC	Common Order - Laboratory	
[RXO]	Pharmacy Prescription/IVP Order	
[ZOR]	Custom Order Observation - Clinical/Radiology	
[ZPD]	Drug Defaults	
[ZOS]	Custom Warning Status	
[{ ZOW }]	Custom Warnings	

A.1.61 ORR/O02 - Deferred Q/R Medication Profile

Segment	Segment Name
MSH	Message Header
QRD	Query Definition
PID	Patient Identification
ORC	Common Order - Pharmacy
RXO	Pharmacy Prescription Order - Unit Dose or IV
RXR	Pharmacy Route
[{ RXC }]	Pharmacy Component Order
ZOR	Custom Order Observation - Pharmacy
[ZOO]	Custom Override Warnings
[ZOW]	Custom Warnings

A.1.62 ORU/ORU - Anatomic Pathology Accession/Result (inbound)

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
{ OBR }	Observation Request - Anatomic Pathology Results
{ OBX }	Observation/Result - Anatomic Pathology

A.1.63 ORU/R01 - Anatomic Pathology Result (outbound)

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
[OBR]	Observation Request - Laboratory
[{ OBX }]	Observation/Result - Anatomic Pathology
[{ ZL1 }]	CPT Workload
[ZPX]	Custom Extra Patient Information

A.1.64 ORU/R01 - Blood Bank Result

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Laboratory
OBR	Observation Request - Blood Orders
{ OBX }	Observation/Result - Blood Test Result
[NTE]	Notes and Comments
[{ ZOB }]	Blood Product

A.1.65 ORU/R01 - Certification of Blood Product or Test Result

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
OBR	Observation Request - Laboratory
{ OBX }	Observation/Result - Blood Bank Order
[{ NTE }]	Notes and Comments
[{ ZOB }]	Blood Product
[{ ZL1 }]	CPT Workload
[ZPX]	Custom Extra Patient Information

A.1.66 ORU/R01 - CPT Workload Data

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
OBR	Observation Request - CPT
{ ZL1 }	CPT Workload

A.1.67 ORU/R01 - Radiology Result (also used for Radiology Scheduling and Arrivals)

Segment	Segment Name	Additional Comments
MSH	Message Header	
PID	Patient Identification	
ORC	Common Order - Radiology	Repeats on the Rad Result message only
OBR	Observation Request - Radiology Result	
OBX	Observation/Result - Radiology	Used only for Rad Result, not Scheduling or Arrivals; segment may repeat for amended results
{ OBX }	Observation/Result - Radiology Code	Used only for Rad Result, not Scheduling or Arrivals; segment may repeat for amended results
[{ ZL1 }]	CPT Workload	Used only for Rad Result, not Scheduling or Arrivals
[{ ZPX }]	Custom Extra Patient Information	Used only for Rad Result, not Scheduling or Arrivals

A.1.68 ORU/R01 - Unsolicited Lab Chemistry Result

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
{ ORC }	Common Order - Laboratory
{ OBR }	Observation Request - Laboratory
{ OBX }	Observation/Result - Clinical Chemistry
[{ NTE }]	Notes and Comments
[{ ZL1 }]	CPT Workload
[{ ZPX }]	Custom Extra Patient Information

A.1.69 QCK/Q02 - Deferred Q/R Application Acknowledgement

Segment	Segment Name
MSH	Message Header
[MSA]	Message Acknowledgement
[ERR]	Error - Unsolicited Messages
[QAK]	Query Acknowledgement
ZQA	Query Summary

A.1.70 QRY/A19 - Request for Patient Lookup

Segment	Segment Name
MSH	Message Header
QRD	Query Definition
[QRF]	Query Filters
[DSC]	Continuation Pointer

A.1.71 QRY/Q02 - Deferred Query

Segment	Segment Name
MSH	Message Header
[QRD]	Query Definition
[PV1]	Patient Visit

A.1.72 RDS/R01 - Pharmacy Dispense

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ORC	Common Order - Pharmacy
RXO	Pharmacy Prescription/IVP Order
RXE	Pharmacy Encoded Order
RXD	Pharmacy Dispense
ZOR	Custom Order Observation - Pharmacy

A.1.73 SCH/S01 - General Appointment Message

Segment	Segment Name	Additional Comments
MSH	Message Header	
MSH	Message Header	
EVN	Event Type	
EVN	Event Type	
SCH	Schedule Activity Information	
[{ SCH }]	Schedule Activity Information	
[{ NTE }]	Notes and Comments	Diagnosis and Procedures Codes
[{ NTE }]	Notes and Comments	
PID	Patient Identification	
PID	Patient Identification	
[PV1]	Patient Visit	
[{ PV1 }]	Patient Visit	
[{ DG1 }]	Diagnosis	
[{ DG1 }]	Diagnosis	
[{ NTE }]	Notes and Comments	Diagnosis Text
[AIP]	Appointment Information - Personnel Resource	
[NTE]	Notes and Comments	
[AIP]	Appointment Information - Personnel Resource	
[ORC]	Common Order - Appointment & Scheduling	
[ORC]	Common Order - Appointment & Scheduling	
[{ PR1 }]	Procedures	
[PV2]	Patient Visit - additional Information	
[{ PR1 }]	Procedures	
[ZOR]	Custom Appointment/Managed Care	
[PV2]	Patient Visit - additional Information	
[ZOR]	Custom Appointment/Managed Care	
[ZSC]	PAS Custom Appointment/Scheduling	
[ZSC]	PAS Custom Appointment/Scheduling	

A.1.74 SCH/S12 - Appointment Booking Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
SCH	Schedule Activity Information	
PID	Patient Identification	
ZPI	Additional Patient Eligibility Info	
PV1	Patient Visit	
[{ DG1 }]	Diagnosis	
[{ NTE }]	Notes and Comments	Diagnosis Information
AIP	Appointment Information - Personnel Resource	
[ORC]	Common Order - Appointment & Scheduling	
[{ PR1 }]	Procedures	
NTE	Notes and Comments	Procedure information
PV2	Patient Visit - additional Information	
ZOR	Custom Appointment/Managed Care	
ZSC	PAS Custom Appointment/Scheduling	
[{ ZPE }]	Enrollment Identification	
[ZPR]	MCP Custom Referral	

A.1.75 ZIL/Z01 - Logon Request

Segment	Segment Name
MSH	Message Header
ZIL	INH Remote Access

A.1.76 ZIL/Z03 - Logoff Request

Segment	Segment Name
MSH	Message Header

A.1.77 ZNT/N01 - Notification Message

Segment	Segment Name
MSH	Message Header
[ZNT]	TBS

A.1.78 ZPM/Z01 - MCP Provider Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
[STF]	Staff Identification	Required for outbound message
[ZMP]	Provider Additional Info Master File	
ZPP	MCP Provider - Additional Info	

A.1.79 ZPM/Z02 - MCP Place of Care Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
ZPO	MCP Place of Care	Required for inbound message
ZML	Hospital Location Master File	Required for inbound message

A.1.80 ZPM/Z03 - MCP Group Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
[ZPG]	MCP Group	Required for inbound message

A.1.81 ZPM/Z04 - MCP Group Place of Care Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
[ZPG]	MCP Group	Required for outbound message
[ZPO]	MCP Place of Care	
ZML	Hospital Location Master File	

A.1.82 ZPM/Z05 - MCP Group Agreement Information

Segment	Segment Name
MSH	Message Header
ZPG	MCP Group
{ ZPA }	MCP Group Agreements
{ ZPD }	MCP Group Agreement Beneficiary Category

A.1.83 ZPM/Z06 - MCP Group Provider Information

Segment	Segment Name	Additional Comments
MSH	Message Header	
ZPG	MCP Group	
[{ STF }]	Staff Identification	Required for inbound messages
[ZPP]	MCP Provider - Additional Info	

A.1.84 ZPM/Z07 - MCP Provider Place of Care Information for a Group

Segment	Segment Name
MSH	Message Header
ZPG	MCP Group
{ STF }	Staff Identification
[{ ZPC }]	MCP Provider Place of Care
[{ ZPJ }]	Provider Specialty

A.1.85 ZPM/Z08 - MCP Provider Agreement Information for a Group

Segment	Segment Name
MSH	Message Header
ZPG	MCP Group
[{ STF }]	Staff Identification
{ ZPM }	MCP Provider Agreement
{ ZPK }	MCP Provider Beneficiary Category

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A.1.86 ZPM/Z10 - Other Health Insurance Information

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ZPI	Additional Patient Eligibility Info
{ IN1 }	Insurance
{ IN2 }	Insurance - additional info

A.1.87 ZPM/Z20 - MCP Patient Enrollment Data

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
[ZPI]	Additional Patient Eligibility Info
[ZPS]	Sponsor Identification
[{ ZPE }]	Enrollment Identification

A.1.88 ZPM/Z30 - MCP Referral Information

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
[ZPI]	Additional Patient Eligibility Info
[{ ZPE }]	Enrollment Identification
ZPR	MCP Custom Referral
[{ DG1 }]	Diagnosis
[{ PR1 }]	Procedures
[{ NTE }]	Notes and Comments

A.1.89 ZPM/Z31 - MCP Appointment Refused

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
ZPI	Additional Patient Eligibility Info
[{ ZPE }]	Enrollment Identification
[ZPR]	MCP Custom Referral
{ ZPF }	MCP Custom Referral Refusal

A.1.90 ZPW/ACK - Response to Request for Patient Page

Segment	Segment Name
MSH	Message Header
MSH	Message Header
MSA	Message Acknowledgement
MSA	Message Acknowledgement
PID	Patient Identification
PID	Patient Identification
[ZOP]	Custom Patient Order Page
[ZOP]	Custom Patient Order Page
[{ ZOA }]	Custom Allergy Info
[{ ZOA }]	Custom Allergy Info
[ZOB]	Custom Order Batch
[ZOB]	Custom Order Batch
[{ ZOD }]	Page Order
[{ ZOD }]	Page Order

A.1.91 ZPW/Z11 - Request for Patient Page

Segment	Segment Name
MSH	Message Header
[PID]	Patient Identification
{ ORC }	Common Order - Laboratory
[ZOB]	Custom Order Batch
[ZOP]	Custom Patient Order Page
[ZOA]	Custom Allergy Info
[ZOO]	Custom Override Warnings

A.2 HL7 VERSION 2.3 MESSAGES

A.2.1 ACK/V01 - Response to Vaccination Query - No Records Found

Segment	Segment Name
MSH	Message Header
MSA	Message Acknowledgement

A.2.2 ACK/V04 - General Acknowledgement

Segment	Segment Name
MSH	Message Header
MSA	Message Acknowledgement
[ERR]	Error - Query/Response Messages

A.2.3 VXQ/V01 - Query for Vaccination Record

Segment	Segment Name
[MSH]	Message Header
QRD	Query Definition

A.2.4 VXR/V03 - Response to Vaccination Query - Patient Match Found

Segment	Segment Name
MSH	Message Header
MSA	Message Acknowledgement
QRD	Query Definition
PID	Patient Identification
[{ RXA }]	Pharmacy/Treatment Administration

A.2.5 VXU/V04 - Unsolicited Vaccination Record Update

Segment	Segment Name
MSH	Message Header
PID	Patient Identification
RXA	Pharmacy/Treatment Administration

A.2.6 VXX/V02 - Response to Vaccination Query Returning Multiple Patients

Segment	Segment Name
MSH	Message Header
MSA	Message Acknowledgement
QRD	Query Definition
{ PID }	Patient Identification

**CHCS HEALTH LEVEL 7
IMPLEMENTATION SPECIFICATION
(CHIS)**

Appendix B

Segment Attribute Tables

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B. SEGMENT ATTRIBUTE TABLES

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B.1 HL7 Version 2.2 Segments

B.1.1 Version 2.2 Standard Segments

B.1.1.1 AIP Appointment Information - Personnel Resource

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Resource ID	80	CN	No	No	ID number and name of the person requested or scheduled for an appointment. Required for scheduling messages. CHCS reference file: STF	HL PAS RESOURCE ID	44.2	3	(PROVIDER)
							HL CP AIP RESOURCE ID	44.2	3	(PROVIDER)
2	Resource Role	15	CE	No	No	Role of the personnel requested/scheduled for an appointment. Required for management info messages.	HL PAS RESOURCE ROLE			
3	Start Date/Time Offset	20	CQ	No	No	Used when resource is required for the appointment at a different time than the appointment start date/time. Expressed as an offset from the appointment start date/time.	HL PAS START DT/TM OFFSET			
4	Duration	20	CQ	No	No	Used when resource is required for a different amount of time than the appointment's overall duration	HL PAS DURATION			
5	Allow Substitution Code	10	ID	No	No	Indicates whether the identified personnel resource can be replaced with an equivalent substitute personnel resource by the filler application. HL7 2.3 Reference Table 0279. CONFIRM = Contact Placer Contact Person before substitution of this resource; N	HL PAS ALLOW SUBSTITUTION			
6	Filler Status Code	80	CE	No	Yes	Appointment status. Required for scheduling messages CHCS reference file: APS CHCS Reference File: APS	HL CP AIP FILLER STATUS CODE	44.2	7	(APPOINTMENT STATUS)
							HL PAS FILLER STATUS CODE	44.2	7	(APPOINTMENT STATUS)

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B.1.1.2 AL1 Patient Allergy Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Allergy	4	SI	Yes	No	Sequence Number (1-9999)	HL CIS ALLERGY SET ID			AL1
2	Allergy Type	2	ID	No	No	DA=Drug Allergy	HL CIS ALLERGY TYPE			DA
3	Allergy Code/Mnemonic/Description	200	ST	Yes	Yes	<Unique ID> <Description> 99DAL	HL CIS ALLERGY DESCRIPTION	8810	0.01	

B.1.1.3 DG1 Diagnosis

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Diagnosis	4	SI	Yes	No	Sequence Number (1-9999) that uniquely identifies the individual transaction to add, delete or update the diagnosis.	HL DG ADMISSION DIAGNOSIS			@DG101
							HL PAS SET ID - DIAGNOSIS			DG1
							HL CP SCH DG1 SET ID-DIAG			DG1
							HL CIS DG1 SET ID - DIAGNOSIS			DG1
							HL CP DG1 SET ID-DIAG			DG1
							HL CP ENC DG1 SET ID-DIAG			DG1
2	Diagnosis Coding Method	3	ID	Yes	No	Coding Methodology. Values for CHCS: I9, C4 (Events A01, A08 and ZZ8 only). I9=ICD9, 99=local	HL DG ADMISSION DIAG.			@DG102
							HL CIS DG1 DIAG CODING METH			I9
							HL PAS DIAGNOSIS			I9
							HL CP SCH DG1 DIAG CODING			I9
							HL CP ENC DG1 DIAG CODING			I9
							HL CP DG1 DIAG CODING METH			I9
							HL CIS DIAG COD MTH 99			99

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
3	Diagnosis Code	80	CE	Yes	No	Code. CHCS reference file: ICD, CPT	HL CP ENC DG1 DIAG CODE	311.12	0.01	(DIAGNOSIS)
							HL CP SCH DG1 DIAG CODE	44.23	0.01	(DIAGNOSIS)
							HL DG ADMISSION DIAGNOSIS			@DG103
							HL PAS DIAGNOSIS CODE	44.23	0.01	(DIAGNOSIS)
							HL CP DG1 DIAG CODE	8554.03	0.01	(PROVISIONAL DIAGNOSIS)
4	Diagnosis Description	80	ST	No	No	Description of the diagnosis. Required for scheduling messages. If DG1-2=I9, this is the text of the Diagnosis at Admission (ICD9 Description). If DG1-2=99, this is the Diagnosis Free Text.	HL CIS DIAGNOSIS FREE TEXT	2.95	0.06	
							HL DG ADMISSION DIAGNOSIS			@DG104
							HL PAS DIAGNOSIS DESCIPTION	80	3	(DIAGNOSIS)
							HL CP ENC DG1 DIAG DESC	80	10	(DESCRIPTION)
							HL CP DG1 DIAG DESC	80	3	(DIAGNOSIS)
							HL CP SCH DG1 DIAG DESC			@NULL
							HL CIS DIAGNOSIS CANNED TEXT	10	8106	
5	Diagnosis Date/Time	26	TS	No	No	Date/Time of diagnosis. Used only for scheduling messages.	HL DG ADMISSION DIAG. D/T			@NULL
							HL PAS DIAGNOSIS DATE/TIME			
6	Diagnosis/DRG Type	1	ID	No	No	Type of diagnosis. Values for CHCS: 1=Admission P = Provisional; <null> = Appointment	HL CP ENC DG1 DIAG TYPE			
							HL PAS DIAGNOSIS/DRG TYPE			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL CP SCH DG1 DIAG TYPE				
						HL CP DG1 DIAG TYPE			P	
						HL CIS DG1 DIAGNOSIS/DRG			1	
						HL DG ADMISSION DIAG. TYPE			@DG106	
7	Major Diagnostic Category	60	CE	No	No	Refer to user-defined table, Major Diagnostic Category. Used only for scheduling messages.	HL PAS MAJOR DIAGNOSIS CAT			
8	Diagnostic Related Group	4	ID	No	No	DRG for the Transaction. Used only for scheduling messages. Values for CHCS: []	HL PAS DIAGNOSTIC RELATED			
9	DRG Approval Indicator	2	ID	No	No	Indicates if the DRG has been approved by a reviewing entity. Used only for scheduling messages. Values for CHCS: []	HL PAS DRG APPROVAL			
10	DRG Grouper Review Code	2	ID	No	No	Indicates that grouper results have been reviewed and approved. Used only for scheduling messages. Values for CHCS: [].	HL PAS DRG GROUPER REVIEW			
11	Outlier Type	60	CE	No	No	Type of outlier that has been paid; Refer to user-defined Table, Outlier Type. Used only for scheduling messages.	HL PAS OUTLIER TYPE			
12	Outlier Days	3	NM	No	No	Number of days approved as outlierpayment. Used only for scheduling messages.	HL PAS OUTLIER DAYS			
13	Outlier Cost	12	NM	Yes	No	Amount of money approved as payment. Used only for scheduling messages.	HL PAS OUTLIER COST			
14	Grouper Version and Type	4	ST	No	No	Grouper version and type. Used only for scheduling messages.	HL PAS GROUPER VERSION/TYPE			
15	Diagnosis/DRG Priority	2	NM	No	No	Number identifying the significance or priority of Diagnosis or DRG Code. Used only for scheduling messages.	HL PAS DIAGNOSIS/DRG			
16	Diagnosing Clinician	60	CN	No	No	Individual responsible for generating diagnosis information. Used only for scheduling messages.	HL PAS DIAGNOSIS CLINICIAN			

B.1.1.4 DG1 Diagnosis - Clinical Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Diagnosis	4	SI	Yes	No	Sequence Number (1-9999) that uniquely identifies the individual transaction to add, delete or update the diagnosis.	HL CIS DG1 SET ID - DIAGNOSIS			DG1

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL CP DG1 SET ID-DIAG			DG1
							HL CP ENC DG1 SET ID-DIAG			DG1
							HL CP SCH DG1 SET ID-DIAG			DG1
							HL DG ADMISSION DIAGNOSIS			@DG101
							HL PAS SET ID - DIAGNOSIS			DG1
2	Diagnosis Coding Method	3	ID	Yes	No	Coding Methodology. Values for CHCS: I9, C4 (Events A01, A08 and ZZ8 only). I9=ICD9, 99=local	HL CIS DG1 DIAG CODING METH			I9
							HL PAS DIAGNOSIS			I9
							HL DG ADMISSION DIAG.			@DG102
							HL CP SCH DG1 DIAG CODING			I9
							HL CP ENC DG1 DIAG CODING			I9
							HL CIS DIAG COD MTH 99			99
							HL CP DG1 DIAG CODING METH			I9
3	Diagnosis Code	8	ST	No	No	Diagnosis at Admission (ICD9 Code) - only if DG1 - 2=I9	HL CIS DG1 DIAGNOSIS CODE	0	8106	
4	Diagnosis Description	80	ST	No	No	Description of the diagnosis. Required for scheduling messages. If DG1-2=I9, this is the text of the Diagnosis at Admission (ICD9 Description). If DG1-2=99, this is the Diagnosis Free Text.	HL CP ENC DG1 DIAG DESC	80	10	(DESCRIPTION)
							HL CP DG1 DIAG DESC	80	3	(DIAGNOSIS)
							HL PAS DIAGNOSIS DESCRIPTON	80	3	(DIAGNOSIS)
							HL CP SCH DG1 DIAG DESC			@NULL

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL CIS DIAGNOSIS CANNED TEXT	10	8106	
							HL DG ADMISSION DIAGNOSIS			@DG104
							HL CIS DIAGNOSIS FREE TEXT	2.95	0.06	
5	Diagnosis Date/Time	26	TS	No	No	Date/Time of Diagnosis. Used only for scheduling messages.	HL DG ADMISSION DIAG. D/T			@NULL
							HL PAS DIAGNOSIS DATE/TIME			
6	Diagnosis/DRG Type	1	ID	No	No	Type of diagnosis. Values for CHCS: 1=Admission P = Provisional; <null> = Appointment	HL DG ADMISSION DIAG. TYPE			@DG106
							HL PAS DIAGNOSIS/DRG TYPE			
							HL CP SCH DG1 DIAG TYPE			
							HL CP ENC DG1 DIAG TYPE			
							HL CP DG1 DIAG TYPE			P
							HL CIS DG1 DIAGNOSIS/DRG			1

B.1.1.5 DSC Continuation Pointer

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Continuation	180	ST	Yes	No	Points to a list of data that continues.	HL ORPW CONTINUATION POINT			@DSC1
							HL CONTINUATION POINTER			

B.1.1.6 ERR Error - Unsolicited Messages

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Error Code and Location	600	ST	Yes	No	Identifies an erroneous segment in another message. (Unsolicited updates interfaces)	HL MFN ACK ERROR CODE and			@DOERR1
							HL CP ERROR CODE AND LOC			@CPEMSG

B.1.1.7 EVN Event Type

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Event Type Code	3	ID	Yes	No	Codes which correspond to trigger events for ADT and SCH messages (same as MSH-9). Values for CHCS: Reference Table 1, Event Type Code, in Appendix C.	HL PAS EVENT TYPE CODE			@EVENTCODE
							HL EVENT TYPE CODE - IN			
							HL DG EVENT TYPE CODE - IN			
							HL EVENT TYPE CODE			@EVENTTYPE
2	Date/Time of Event	26	TS	Yes	No	Date/time of ADT event. For new appointment, date/time of appointment. for modified or cancelled appointment, date/time of modification or cancellation.	HL DATE/TIME OF EVENT			@EVENTDT
							HL DATE/TIME OF EVENT - IN			
							HL DG DATE/TIME OF EVENT - IN			
							HL PAS DATE/TIME OF EVENT			@EVENTDTTM

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
3	Date/Time Planned Event	26	TS	No	No	Date/Time when the event is planned.	HL DATE/TIME PLAN EVENT			
							HL PAS DT/TM PLANNED EVENT			
4	Event Reason Code	3	ID	No	No	Reason for the event. Values for CHCS: 1 = Patient Request; 2 = Physician Order; 3 = Census Management	HL EVENT REASON CODE			
							HL PAS EVENT REASON CODE			
5	Operator ID	5	ID	No	No	Individual responsible for triggering the event. Values for CHCS:	HL PAS OPERATOR ID			

B.1.1.8 EVN Event Type - Clinical Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Event Type Code	3	ST	Yes	No	Codes which correspond to trigger events for ADT and SCH messages (same as MSH-9; allowed in HL7 2.2 for backwards compatibility)	HL CIS EVENT TYPE CODE			ZZ8
2	Date/Time of Event	26	TS	Yes	No	Date/time of ADT event. For new appointment, date/time of appointment. for modified or cancelled appointment, date/time of modification or cancellation.	HL DATE/TIME OF EVENT - IN			
							HL DG DATE/TIME OF EVENT - IN			
							HL PAS DATE/TIME OF EVENT			@EVENTDTTM
							HL DATE/TIME OF EVENT			@EVENTDT
3	Date/Time Planned Event	26	TS	No	No	Date/Time when the event is planned.	HL DATE/TIME PLAN EVENT			
							HL PAS DT/TM PLANNED EVENT			
4	Event Reason Code	3	ID	No	No	Reason for the event. Values for CHCS: 1 = Patient Request; 2 = Physician Order; 3 = Census Management	HL EVENT REASON CODE			
							HL PAS EVENT REASON CODE			

B.1.1.9 IN1 Insurance

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Insurance	4	SI	Yes	No	Sequence Number which uniquely identifies this transaction for the purpose of adding, changing or deleting the transaction..	HL DG SET ID INSURANCE			IN1
2	Insurance Plan ID	8	ID	No	No	Uniquely identifies the insurance plan. Values for CHCS: BC/BS Code (File #8604.04)	HL DG INSURANCE PLAN ID			
3	Insurance Company ID	60	CE	Yes	No	Unique ID of the insurance company. Values for CHCS: Insurance Co. (File #8064.01)	HL DG INSURANCE CO ID	8086	13	(INSURANCE COMPANY)
4	Insurance Company Name	45	ST	Yes	No	Name of Insurance Company	HL DG INSURANCE CO NAME	8064	0.01	(INSURANCE CO NAME)
5	Insurance Company Address	106	AD	No	No	Address of the insurance company	HL DG INSURANCE CO ADDR	8064	3	
6	Insurance Company Contact Person	48	ST	No	No	Name of person who should be contacted at the insurance company	HL DG INSURANCE CONTACT	8064	11	(CONTACT PERSON)
7	Insurance Company Phone Number	40	ST	No	No	Phone Number of Insurance Company	HL DG INSURANCE CO PHONE	8064	8	(TELEPHONE 1 EXT)
8	Group Number	17	ST	No	No	Group Number of the insured's insurance	HL DG GROUP NUMBER	8086	17	(GROUP NUMBER)
9	Group Name	35	ST	No	No	Group name of the insured's insurance	HL DG GROUP NAME	8086	18	(GROUP NAME)
11	Insured's Group Employer Name	60	CN	No	No	Name of the employer which provides the employee's insurance	HL DG EMPLOYER NAME			
							HL DG GRP EMP NAME	8086	19	(EMPLOYER NAME)
12	Plan Effective Date	8	DT	Yes	No	Date that the insurance goes into effect	HL DG PLAN EFFECTIVE DATE	8086	15	(POLICY EFFECTIVE DATE)
13	Plan Expiration Date	8	DT	Yes	No	Last date of service that the insurance will cover or be responsible for	HL CP IN1 PLAN EXP DATE (IN)	8086	16	(POLICY EXPIRATION DATE)
							HL DG PLAN EXPIRATION DATE	8086	16	(POLICY EXPIRATION DATE)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
14	Authorization Information	65	CM	No	No	Authorization number, or code, if required by insurance; date and source of authorization are sub-fields: Pre-certification text	HL DG AUTHORIZATIO N INFO	8086	27	(PRECERT TEXT)
15	Plan Type	2	ID	Yes	No	Coding structure that identifies the various plan types. Values for CHCS:	HL DG PLAN TYPE	8087	0.01	(INS POLICY TYPE CODE)
16	Policy Holder	48	ST	Yes	No	Name of the insured person	HL DG INSURED NAME	8086	2	(INSURED NAME)
							HL CP IN1 INSURED NAME			
17	Patient Relationship to Insured	2	ST	Yes	No	Insured's relationship to the patient	HL CP IN1 REL TO PAT			
							HL DG INSURED REL TO PAT	8083.01	4	(RELATIONSHIP)
18	Insured's Date of Birth	8	DT	No	No	Date of birth of insured	HL DG INSURED DATE OF BIRTH	2	0.03	(DOB)
19	Insured's Address	106	CM	No	No	Address of insured person	HL CP IN1 INSURED ADDRESS	8086	6	(INSURED ADDRESS)
							HL DG INSURED ADDRESS			
20	Assignment of Benefits	2	ID	No	No	Indicates whether the insured has agreed to assign the insurance benefits to the healthcare provider. Values for CHCS: Y = Yes; N = No, M = Modified Assignment	HL DG ASSIGN OF BENE			
22	Coordination of Benefits Priority	1	ST	Yes	No	Priority sequence if this insurance works in conjunction with other insurance plans	HL DG COORD BENE PRIORITY	8086	28	(RELATIONAL PRIMARY)
28	Pre-admit Cert (PAC)	15	ST	No	No	Pre-admission certification code	HL DG PREADMIT CERT	8086	32	(PRECERT CODE)
32	Billing Status	1	ID	Yes	No	Indicates whether the particular insurance has been billed and, if so, the type of bill	HL CP IN1 BILL STATUS	8086	25	(BILLING STATUS)
36	Policy Number	90	CM	Yes	No	Individual policy number of the insured. CHCS Reference file: Policy Number (File #8086.01) Format: <policy number> <CHCS unique ID> <TSC unique ID>	HL DG POLICY NUMBER	8086	0.01	(POLICY NUMBER)
43	Insured's Sex	1	ID	No	No	Code indicating insured's sex. Values for CHCS: F = Female; M = Male	HL DG INSURED SEX	2	0.02	(SEX)
44	Insured Employer Address	106	AD	No	No	Address of the insured's employer	HL DG INSURED EMPLOYER	8086	21	(EMPLOYER ADDRESS)

B.1.1.10 IN2 Insurance - Additional Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID	4	SI	Yes	No	Sequence Number	HL DG SET ID IN2			IN2
2	Insured's SSN	11	ST	Yes	No	SSN of Insured	HL CP IN2 INSURED SSN			
							HL DG INSURED SSN	8086	5	(INSURED SSN)
4	Employer Information Data	20	ST	No	No	For CHCS: Employer Phone Number	HL DG EMPLOYER PHONE	8086	20	(EMPLOYER PHONE)
							HL CP IN2 EMPLOYER PHONE			
12	CHAMPUS Organization					Not Used	HL ORPW DISPLAY TEXT	101	6.01	(DISPLAY TEXT)
							HL ORPW OUT ORDER ACT			@ZOD5
99	Policy Number	90	CM	No	No	Individual policy number of the insured Format: <policy number> <CHCS unique ID> <TSC unique ID>	HL DG POLICY NUMBER	8086	0.01	

B.1.1.11 MFE
Master File Entry

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Record-Level Event Code	3	ID	Yes	No	Defines record-level event for the master file record identified by the MFI segment and the primary key field in this segment. Values for CHCS: MAD = Add Record to Master File; MUP = Update Record in Master File; MDL = Delete Record from Master File; MDC	HL MFN MFE SEQ-1 - IN			
							HL MFN RECORD EVENT CODE			@DORLE
3	Effective Date	8	DT	No	No	Date/time the originating systems expects that the event is to have been completed on the receiving system	HL MFN EFFECTIVE DATE			@EFFDT
							HL MFN MFE SEQ-3 - IN			
4	Primary Key Value	60	ST	Yes	No	Identifies the record of the Master File to be changed	HL MFN PRIMARY KEY VALUE			@PRIMKEY
							HL MFN MFE SEQ-4 - IN			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL MFN ACK MFA PRIMARY KEY				@DOMFA5

B.1.1.12 MFI Master File Identification

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Master File Identifier	60	CE	Yes	No	ID of master file. CHCS reference file: MFI	HL MFN MFI SEQ-1 - IN			
							HL MFN MASTER FILE IDENTIFIER			@MFI
2	Master File Application Identifier					Not Used	HL MFN ACK FILE LEVEL EVENT			@DOMFI3
3	File-Level Event Code	3	ID	Yes	No	Defines file-level event code REP = Replace current version of this Master File with the version contained in this message; = UPD = Change file records as defined in the record level event codes for each record that follows	HL MFN FILE LEVEL EVENT CODE			UPD
							HL MFN MFI SEQ-3 - IN			
5	Effective Date					Not Used	HL MFN ACK RESPONSE LEVEL			@DOMFI6
6	Response Level Code	2	ID	Yes	No	Code which specifies the application response level defined for a given Master File Message at the MFE segment level NE = Never. No application level response needed	HL MFN ACK MASTER FILE ID			@DOMFI1
							HL MFN MFI SEQ-6 - IN			
							HL MFN RESPONSE LEVEL CODE			NE

B.1.1.13 MRG Merge Patient Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Prior Patient ID - Internal	60	ST	Yes	No	Internal patient ID	HL DG PRIOR PATIENT ID			
							HL DG PRIOR PATIENT ID - IN			
2	Prior Alternate Patient ID	16	ST	No	No	Patient FMP\SPSSN of the patient being merged from	HL DG PRIOR ALT PATIENT ID			@MRG02
							HL DG PRIOR ALT PATIENT ID IN			

B.1.1.14 MSA Message Acknowledgement

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Acknowledgment Code	2	ST	Yes	No	Applicable processing rule AA = Accept; AE = Error; AR = Reject; CA = Commit Accept; CE = Commit Error; CR = Commit Reject	HL ACK STATUS			@INSTAT
							HL MFN ACK MSA ACK CODE			@DOVAK
2	Message Control ID	20	ST	Yes	No	Message Control ID of the message sent by the sending system. The message this acknowledgment is for. Required for MFN Acknowledgement.	HL ACK ID			@INORIGID
							HL MFN ACK MSA MSG CONTROL			@DOMSA2
3	Text Message	80	ST	No	No	Further description of error condition	HL ACK TEXT			@INACKTXT
4	Expected Sequence Number	15	ST	No	No	Numeric field used in the sequence number protocol	HL ACK EXPECTED SEQ			@INEXPSEQ
5	Delayed Acknowledgement Type	1	ST	No	No	Set to 'D' if the message passes initial validation processing	HL ACK DELAY			@INDELAY
6	Error Condition	60	ST	No	No	Allows the acknowledging system to use a user-defined error code to further specify AR or AE type acknowledgements	HL ACK ERROR			@INACKERR
							HL GP ERROR CONDITION - IN			
							HL MFN ACK MSA ERROR			@DOMSA6

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B.1.1.15 MSH**Message Header**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Field Separator	1	ST	Yes	No	Separator between the segment ID and the first real field, MSH-1; serves as the separator and defines the character to be used as the separator for the rest of the message. CHCS recommended value is ^ (carat)	HL FIELD SEPARATOR			
2	Encoding Characters	4	ST	Yes	No	Four separator characters in order: component, repetition, escape, subcomponent characters. CHCS recommended values: Component delimiter=\ (backslash), Repeat delimiter= (vertical bar, Escape character=~(tilde), Subcomponent delimiter=& (ampersand)	HL ENCODING CHARACTERS			
3	Sending Application	15	ST	No	No	Used for interface with lower level protocols. See individual message for Sending Application code.	HL SENDING APPLICATIONS			
4	Sending Facility	20	ST	No	No	Addresses one of several occurrences of the same application within the sending system; site-defined. For CHCS: Unique Facility Identifier	HL SENDING FACILITY			
5	Receiving Application	30	ST	No	No	Used for interface with lower level protocols. See individual message for Receiving Application code.	HL RECEIVING APPLICATIO			
6	Receiving Facility	30	ST	No	No	Identifies the receiving application among multiple identical instances of the application running on behalf of different organizations. For CHCS: Unique Facility Identifier (DMIS ID)	HL RECEIVING FACILITY			
7	Date/time of Message	26	TS	No	No	Date/time the sending system created the message	HL DATE/TIME OF MESSAGE			
8	Security	40	ST	No	No	May be used to implement security features	HL UNKNOWN			
9	Message Type	7	ID	Yes	No	First component is the message type; second is the trigger event code. Values for CHCS: Reference Table 1, Event Type, and Table 2, Message Type, in Appendix C.	HL MESSAGE TYPE			
10	Message Control ID	20	ST	Yes	No	Identifier that uniquely identifies the outgoing message. For inbound messages, it is the unique message identifier as defined by the external system.	HL MESSAGE CONTROL ID			
11	Processing ID	1	ID	Yes	Yes	Used to decide whether the process the message as defined in HL7 processing rules. Values for CHCS: P = Production	HL PROCESSING ID			
12	Version ID	8	ID	Yes	No	HL7 Version Number; matched by the receiving system to its own version to be sure the message will be interpreted correctly. Values for CHCS: 2.2 = Messages containing only segments compatible with HL7 Version 2.2; 2.3 = Messages containing at least one	HL VERSION ID			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
13	Sequence Number	15	NM	No	No	A null field implies that the sequence number protocol is not in use	HL SEQUENCE NUMBER			
14	Continuation Pointer	180	ST	No	No	Used to define continuations in application-specific ways	HL CONTINUATION POINTER			
15	Accept Acknowledgment Type	2	ID	No	No	Defines the conditions under which accept acknowledgements are required to be returned in response to this message. Values for CHCS: AL = Always; NE = Never	HL ACCEPT ACK TYPE			
16	Application Acknowledgment Type	2	ID	No	No	Defines the conditions under which application acknowledgements are required to be returned in response to this message. Values for CHCS: AL = Always; NE = Never	HL APPLICATION ACK TYPE			
17	Country Code	2	ID	No	No	Defines the country of origin for the message. Values for CHCS:	HL COUNTRY CODE			

B.1.1.16 NK1 Next of Kin

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Next of Kin	4	SI	Yes	No	Uniquely identifies the NK1 records for the purpose of adding, changing, or deleting records; when the segment may repeat, it identifies the repetitions	HL CIS SET ID E-CONTACT			NK1
							HL DG SET ID - NOK			NK1
2	Name	48	PN	No	No	Name of the next of kin	HL DG NOK NAME	2	0.211	(NEXT OF KIN)
							HL CIS EMERGENCY CONTACT	2	0.331	
3	Relationship	60	CE	No	No	Defines the actual relationship that the next of kin has to the patient. CHCS Reference file: Relationship (File #8140)	HL CIS E-CONTACT			.332:CODE
							HL DG NOK RELATIONSHIP	2	0.212	(NOK-RELATIONSHIP)
							HL CIS E-CONTACT			.332:CODE
							HL DG NOK RELATIONSHIP	1	8140	(CODE)
4	Address	200	AD	No	No	Defines the address of the associated party	HL DG NOK ADDRESS			
5	Phone Number	40	TN	No	No	Defines the telephone number of the associated party	HL CIS E-CONTACT PHONE	2	0.339	

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL DG NOK PHONE	2	0.219	(NOK-PHONE)	

B.1.1.17 NK1 Next of Kin - Clinical Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Next of Kin	4	SI	Yes	No	Uniquely identifies the NK1 records for the purpose of adding, changing, or deleting records; when the segment may repeat, it identifies the repetitions	HL CIS SET ID E-CONTACT			NK1
							HL DG SET ID - NOK			NK1
2	Name	48	PN	No	No	Name of the next of kin	HL CIS EMERGENCY CONTACT	2	0.331	
							HL DG NOK NAME	2	0.211	(NEXT OF KIN)
3	Relationship	60	CE	No	No	Defines the actual relationship that the next of kin has to the patient. CHCS Reference file: Relationship (File #8140)	HL CIS E-CONTACT			.332:CODE
							HL DG NOK RELATIONSHIP	2	0.212	(NOK-RELATIONSHIP)
4	Address	106	AD	No	No	Defines the address of the associated party	HL CIS E-CONTACT ADDRESS			
5	Phone Number	40	TN	No	No	Defines the telephone number of the associated party	HL CIS E-CONTACT PHONE	2	0.339	
							HL DG NOK PHONE	2	0.219	(NOK-PHONE)
7	Contact Role	60	ST	No	No	2 Emergency Contact 99	HL CIS E-CONTACT ROLE			@NULL

B.1.1.18 NPU Bed Status Update

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Bed Location	120	CM	Yes	No	Valid bed location: <ward>^<room>^<bed>^<facilityID>^<bed status> Format: <ward>^<room>^<bed>^<facilityID>^<bed status>	TBS			new - Bed Location
2	Bed Status	1	ID	Yes	No	Coded bed status (e.g., 'housekeeping' or 'unoccupied'). Values for CHCS:	TBS			new - Bed Status

B.1.1.19 NTE Notes and Comments

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Notes and Comments	4	SI	No	No	May be used where multiple NTE segments are included in a message; numbering must be described in the application message definition	HL LAB SET ID - INBOUND			
							HL SET ID - NOTES			NTE
							HL PAS SET ID - N/C - PROC			NTE
							HL PAS SET ID - N/C - DIAG			NTE
							HL PAS SET ID - DIAG TXT			NTE1
							HL ORPW IN SEQUENCE ID			
							HL CP SCH NTE SET ID-PROC FT			NTE2
							HL CP SCH NTE SET ID-DIAG FT			NTE1
							HL CP NTE SET ID			NTE
							HL LAB SET ID - NTE			NTE
2	Source of Comment	1	ST	No	No	Used when the source of the comment must be identified. Values for CHCS: L = Ancillary (filler) department; P = Placer; O = Other System	HL ORPW IN SOURCE OF			
							HL PAS SOURCE OF COMMENT			
							HL LAB DBSS SOURCE - IN			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB CH COMMENT SOURCE				L
						HL SOURCE OF COMMENT				P
3	Comment	80	ST	No	No	Comment contained in the segment	HL LAB DBSS COMMENT - IN			
							HL PAS COMMENT - PROCEDURE	311.26	0.01	(PROCEDURE (FREE TEXT))
							HL PAS COMMENT - DIAGNOSIS	311.24	0.01	(DIAGNOSIS (FREE TEXT))
							HL PAS COMMENT - DIAG TXT			@NULL
							HL RAD CLINICAL IMPRESSION	101	131	(CLINICAL IMPRESSION (EXTENDED))
							HL ORPW IN RAD CLIN			
							HL LAB BB RESULT COMMENT	63.794	4	(RESULT COMMENT)
							HL CP SCH NTE PROC FREE TEXT	311.26	0.01	(PROCEDURE (FREE TEXT))
							HL CP SCH NTE DIAG FREE TEXT	311.24	0.01	(DIAGNOSIS (FREE TEXT))
							HL CP NTE COMMENT	8554.04	0.01	(FREE TEXT DIAGNOSIS)
							HL ORPW OUT ADDITIONAL			@NULL
							HL LAB CH RESULT COMMENT	63.07	10	(COMMENT)

B.1.1.20 NTE Notes and Comments - DII Instrument

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Notes and Comments	4	SI	No	No	May be used where multiple NTE segments are included in a message; numbering must be described in the application message definition	HL CP SCH NTE SET ID-DIAG FT			NTE1
							HL SET ID - NOTES			NTE
							HL PAS SET ID - N/C - PROC			NTE
							HL PAS SET ID - N/C - DIAG			NTE
							HL PAS SET ID - DIAG TXT			NTE1
							HL ORPW IN SEQUENCE ID			
							HL LAB SET ID - NTE			NTE
							HL CP SCH NTE SET ID-PROC FT			NTE2
							HL CP NTE SET ID			NTE
							HL LAB SET ID - INBOUND			
2	Source of Comment	8	ID	No	No	TBS	HL DII COMMENT SOURCE			
3	Comment	250	ST	No	No	TBS	HL DII COMMENT TEXT	101	0.01	

B.1.1.21 OBR Observation Request - Anatomic Pathology Results

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL LAB SET ID - INBOUND			
							HL NULL IN			
							HL ORPW IN SET ID -OBR REQ			
							HL SET ID - OBR REQ			OBR
2	Placer Order Number	75	CM	No	No	Placer application's order number Format: <order number><application ID>	HL ORPW IN PLACER ORD NUM			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL PLACER ORDER NUMBER	101	0.01	(ID NUMBER)
							HL LAB ORDER NUMBER - IN			
							HL LAB ACCN ORDER NUMBER	66.01	1.03	(ORDER REFERENCE)
4	Universal Service ID	200	CE	No	No	Identifies the requested observation/test/battery. CHCS reference file: RAD (used only for outbound messages)	HL LAB DBSS ORDER TEST	101	110.01	(LAB TEST)
							HL LAB ORDER TEST - IN			
							HL AP LAB PROCEDURE	101	110.01	(LAB TEST)
6	Requested Date/Time	26	TS	No	No	Date/Time requested	HL ORPW IN REQ DATE/TIME			
							HL ORPW OUT REQ DATE/TIME			@OBR6
							HL RAD ORDER TASK TIME	70.5	0.06	(ORDER TASK NUMBER)
							HL REQUESTED DATE/TIME	107	0.01	(DATE/TIME)
7	Observation Date/Time	60	TS	No	No	Clinically relevant date/time of the observation	HL AP IN COLLECTION DT/TM			
							HL AP OBSERVATION DATE	101	110.04	(DATE/TIME OF COLLECTION)
9	Collection Volume	20	CQ	No	No	For laboratory tests, the volume of the specimen (used only for inbound messages)	HL AP IN COLLECTION VOLUME			
13	Relevant Clinical Information	300	ST	No	No	Additional clinical information about the patient or specimen	HL CIW RELEVANT CLINICAL	101	0.1	(ORDER COMMENT)
							HL LAB ORDER COMMENT			@ORCOM
							HL ORDER COMMENT	101	0.1	(ORDER COMMENT)
							HL ORPW IN RELEVANT CLIN			
							HL RAD RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)
14	Specimen Received Date/Time	26	TS	No	Yes	Login time at the diagnostic service	HL LAB LOG-IN DATE/TIME	63.734	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.735	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.6	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.59	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.33	0.07	(DATE/TIME LOG-IN)
							HL LAB ARRIVAL DATE/TIME	63.47	1.5	(LAB ARRIVAL TIME)
							HL LAB ARRIVAL DATE/TIME	63.46	0.06	(LAB ARRIVAL TIME)
							HL LAB ARRIVAL DATE/TIME	63.03	1.5	(LAB ARRIVAL TIME)
							HL AP IN SPECIMEN RCVD			
							HL LAB LOG-IN DATE/TIME	63.04	0.07	(LOG-IN DATE/TIME)
15	Specimen Source	300	CM	No	No	Specimen identifier. CHCS Reference table: LRT	HL LAB RESULT SPECIMEN	63.04	0.03	(SPECIMEN)
							HL SPECIMEN SOURCE	101	110.05	(SPECIMEN SITE)
							HL LAB RESULT SPECIMEN	63.736	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.735	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.734	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.33	0.03	(SPECIMEN)
							HL DII SPECIMEN			@SPEC
							HL CIW SPECIMEN SOURCE	101	110.02	(COLLECTION SAMPLE)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL AP IN SPECIMEN SOURCE				
						HL LAB RESULT SPECIMEN	63.6	0.03	(SPECIMEN)	
16	Ordering Provider	80	CN	Yes	No	Provider who ordered the test	HL AP IN REQUESTING HCP			
						HL ORDERING PROVIDER	101	0.09	(ORDERING HCP)	
20	Filler Field #1	60	ST	No	No	Accession ID/Name. Required for inbound messages	HL LAB ACCESSION NUMBER - IN			
22	Results Rpt/Status Change Date/Time	26	TS	No	No	Date/time results reported or status changed. Not used for Blood Result.	HL LAB CERTIFY DATE/TIME	63.07	4	(CERTIFY DATE/TIME)
						HL LAB CERTIFY DATE/TIME	63.768	7	(CERTIFY DATE/TIME)	
						HL LAB CERTIFY DATE/TIME	63.44	25.2	(CERTIFY DATE/TIME)	
						HL LAB CERTIFY DATE/TIME	63.03	1.82	(CERTIFY DATE/TIME)	
						HL LAB CERTIFY DATE/TIME	63.47	1.82	(CERTIFY DATE/TIME)	
23	Charge to Practice	40	CM	No	No	MEPRS charge code (not used for Rad Schedule or Rad Arrival) Format: <Charge Amount>\<MEPRS ID>\<MEPRS Code>\99MEP	HL PSO CHARGE TO PRACTICE			@XMEPRS
						HL RAD CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL ORPW IN CHARGE TO				
						HL OR CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL LAB ACCN MEPRS CODE	101	0.06	(MEPRS CODE)	
						HL CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL AP IN MEPRS CODE				
25	Result Status	1	ID	No	No	Status of results for the order. CHCS values: Reference Table 3, Result Status Code, in Appendix C.	HL LAB RESULT STATUS - IN			
26	Parent Results					Not Used	HL RAD STRING			ST

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
27	Quantity/Timing	255	CM	No	No	Information about how many services to perform at one service time and how often the service times are repeated, and to fix the duration of the request. (not used for Rad Schedule)	HL DII PRIORITY			@PRI
							HL QUANTITY/TIMING			@ORQT
32	Principal Result Interpreter	60	CN	No	No	Identity of the physician or clinician who interpreted the observation	HL AP IN STAFF PATHOLOGIST			
33	Assistant Result Interpreter	60	CN	No	No	Clinical observer who assisted with the interpretation of the study	HL AP IN RESIDENT			

B.1.1.22 OBR Observation Request - Blood Orders

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL LAB SET ID - INBOUND			
							HL SET ID - OBR REQ			OBR
							HL ORPW IN SET ID -OBR REQ			
							HL NULL IN			
2	Placer Order Number	75	CM	No	No	Placer application's order number Format: <order number>\<application ID>	HL LAB ACCN ORDER NUMBER	66.01	1.03	(ORDER REFERENCE)
							HL LAB ORDER NUMBER - IN			
							HL ORPW IN PLACER ORD NUM			
							HL PLACER ORDER NUMBER	101	0.01	(ID NUMBER)
4	Universal Service ID	200	CE	No	No	Identifies the requested observation/test/battery. CHCS reference file: RAD (used only for outbound messages)	HL LAB DBSS ORDER TEST	101	110.01	(LAB TEST)
							HL LAB ORDER TEST - IN			
							HL AP LAB PROCEDURE	101	110.01	(LAB TEST)
7	Observation Date/Time	26	TS	No	No	Clinically relevant date/time of the observation	HL LAB COLLECTION DATE	63.47	0.01	(DATE/TIME SPECIMEN RECEIVED)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL ORPW IN OBSERV DATE/TIME				
						HL LAB COLLECTION DATE	63.736	0.01	(DATE/TIME SPECIMEN TAKEN)	
						HL LAB COLLECTION DATE	63.735	0.01	(DATE/TIME SPECIMEN TAKEN)	
						HL LAB COLLECTION DATE	63.734	0.01	(DATE/TIME SPECIMEN TAKEN)	
						HL LAB COLLECTION DATE	63.727	0.01	(DATE/TIME SPECIMEN RECEIVED)	
						HL ORPW OUT OBSERV	101	110.04	(DATE/TIME OF COLLECTION)	
						HL LAB COLLECTION DATE	63.59	0.01	(COLLECTION DATE/TIME)	
						HL LAB COLLECTION DATE	63.46	0.01	(DATE/TIME SPECIMEN RECEIVED)	
						HL LAB COLLECTION DATE	63.44	0.01	(DATE/TIME SPECIMEN RECEIVED)	
						HL LAB COLLECTION DATE	63.33	0.01	(DATE/TIME SPECIMEN TAKEN)	
						HL LAB COLLECTION DATE	63.04	0.01	(DATE/TIME SPECIMEN TAKEN)	
						HL LAB COLLECTION DATE	63.03	0.01	(DATE/TIME SPECIMEN RECEIVED)	
						HL LAB ACCN COLLECTION	66	0.04	(COLLECTION DATE/TIME)	
						HL LAB COLLECTION DATE	63.6	0.01	(DATE/TIME SPECIMEN TAKEN)	
13	Relevant Clinical Information	300	ST	No	No	Reason for the transfusion (used only for outbound messages)	HL LAB DBSS REASON FOR			@NULL

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
14	Specimen Received Date/Time	26	TS	No	No	Accession/Arrival Date/Time (used only for outbound messages)	HL LAB ACCN ARRIVAL DT/TM	66	0.06	(LAB ARRIVAL TIME)
15	Speciment Source	300	CE	No	No	Collection Sample	HL LAB ACCN COLLECTION	66	0.09	(COLLECTION SAMPLE)
16	Ordering Provider	60	CN	Yes	No	Provider who ordered the test. CHCS reference file: STF	HL LAB REQUESTING HCP	63.734	0.05	(HCP)
							HL RAD ORDERING PROVIDER	70.5	0.08	(REQUESTING HCP)
							HL ORDERING PROVIDER	101	.09	(ORDERING HCP)
							HL LAB REQUESTING HCP - SP	63.03	1.4	(REQUESTING PHYSICIAN)
							HL LAB REQUESTING HCP - BM	63.727	11.7	(REQUESTING HCP)
							HL LAB REQUESTING HCP - BM	63.47	1.4	(REQUESTING HCP)
							HL LAB REQUESTING HCP - BM	63.44	11.7	(REQUESTING HCP)
							HL LAB REQUESTING HCP	63.736	0.05	(HCP)
							HL LAB REQUESTING HCP	63.6	0.05	(HCP)
							HL LAB REQUESTING HCP	63.59	0.05	(REQUESTING HCP)
							HL LAB REQUESTING HCP	63.46	0.05	(REQUESTING PHYSICIAN)
							HL LAB REQUESTING HCP	63.33	0.05	(HCP)
							HL LAB REQUESTING HCP	63.04	0.05	(HCP)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB ACCN REQUESTING HCP	66	0.12	(HCP)	
						HL LAB REQUESTING HCP	63.735	0.05	(HCP)	
19	Placer Field #2	60	ST	No	No	Text sent by placer	HL ORPW IN PLACER FIELD #2			
						HL PLACER FIELD #1	101	130.03	(CLINICAL IMPRESSION (BRIEF))	
						HL PLACER FIELD 2				
20	Filler Field #1	60	ST	No	No	Accession ID/Name. Required for inbound messages	HL LAB ACCESSION NUMBER - IN			
22	Results Rpt/Status Change Date/Time	26	TS	No	No	Date/time results reported or status changed (used only for outbound messages)	HL LAB DBSS EFFECTIVE DATE			@LREFFDT
						HL ORPW IN RESULTS REP DT/TM				
23	Charge to Practice	40	CM	No	No	MEPRS charge code (not used for Rad Schedule or Rad Arrival) Format: <Charge Amount>\<MEPRS ID>\<MEPRS Code>\99MEP	HL CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
						HL PSO CHARGE TO PRACTICE			@XMEPRS	
						HL RAD CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL ORPW IN CHARGE TO				
						HL AP IN MEPRS CODE				
						HL OR CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL LAB ACCN MEPRS CODE	101	0.06	(MEPRS CODE)	
24	Diagnostic Serv Sect ID	80	CE	No	No	Performing Location. CHCS reference files: DIV, HOS	HL LAB WORK ELEMENT	63.44	7	(LAB WORK ELEMENT)
						HL LAB WORK ELEMENT	63.735	0.08	(LAB WORK ELEMENT)	
						HL LAB WORK ELEMENT	63.734	0.08	(LAB WORK ELEMENT)	

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB WORK ELEMENT	63.727	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.6	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.59	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.46	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.736	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.33	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.04	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.03	1.7	(LAB WORK ELEMENT)
							HL LAB ACCN WORK ELEMENT	68	.16	(WORK ELEMENT)
							HL LAB WORK ELEMENT	63.47	0.08	(LAB WORK ELEMENT)
25	Result Status	1	ID	No	No	Status of results for the order. CHCS values: Reference Table 3, Result Status Code, in Appendix C.	HL LAB RESULT STATUS - IN			
26	Parent Results					Not Used	HL RAD STRING			ST
27	Quantity/Timing	255	CM	No	No	Information about how many services to perform at one service time and how often the service times are repeated, and to fix the duration of the request. (not used for Rad Schedule)	HL DII PRIORITY			@PRI
							HL QUANTITY/TIMING			@ORQT
36	Scheduled Date/Time	26	TS	No	No	Date/Time needed (used only for outbound messages)	HL LAB DBSS DT/TM NEEDED	101	114.15	(DATE/TIME NEEDED)

B.1.1.23 OBR Observation Request - CPT

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	Yes	No	Identically set to 1	HL SET ID - OBR REQ			OBR
7	Observation Date/Time	26	TS	No	No	TBS. (not used for Rad Schedule or Rad Arrival)	HL OBSERVATION DT/TM			@OBSDATE

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
20	Filler Field #1	20	ST	Yes	No	Accession Name: 2-digit year, 2-digit month, 2-digit day, 3-char accession area abbreviation, sequential number (max 5 digits)	HL LAB ACCESSION NAME	66	0.19	(CURRENT ACCESSION NAME)
25	Result Status	1	ID	Yes	No	TBS. (not used for Rad Schedule)	HL SET ID - OBSERVATION			OBR
26	Parent Results					Not Used	HL RAD STRING			ST

B.1.1.24 OBR Observation Request - DII Instrument Orders

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL LAB SET ID - INBOUND			
							HL NULL IN			
							HL ORPW IN SET ID -OBR REQ			
							HL SET ID - OBR REQ			OBR
2	Placer Order Number	75	CM	No	No	Placer application's order number. Required for outgoing messages to DII. Format: <order number>\<application ID>	HL LAB ORDER NUMBER	107	0.02	(ORDER)
							HL PAS PLACER ORDER NUMBER			
							HL DII ORDER NUMBER - OUT			@ACN
							HL PSO PLACER ORDER NUMBER	52	0.17	(ORDER ENTRY NUMBER)
4	Universal Service ID	200	CM	Yes	No	TBS	HL DII TEST CODE - OUT			@TESTID
15	Specimen Source	300	CM	No	No	Specimen identifier. CHCS Reference table: LRT	HL LAB RESULT SPECIMEN	63.33	0.03	(SPECIMEN)
							HL SPECIMEN SOURCE	101	110.05	(SPECIMEN SITE)
							HL LAB RESULT SPECIMEN	63.736	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.735	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.6	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.04	0.03	(SPECIMEN)
							HL DII SPECIMEN			@SPEC

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL CIW SPECIMEN SOURCE	101	110.02	(COLLECTION SAMPLE)	
						HL AP IN SPECIMEN SOURCE				
						HL LAB RESULT SPECIMEN	63.734	0.03	(SPECIMEN)	
18	Placer Field 1	60	ST	No	No	TBS Required for incoming messages only.	HL DII INST NAME OUT			@INSTNAME
19	Placer Field 2	60	ST	No	No	TBS	HL DII PLACER 1			
27	Quantity/Timing	255	CM	No	No	Information about how many services to perform at one service time and how often the service times are repeated, and to fix the duration of the request. (not used for Rad Schedule)	HL DII ACCN INFO			@AAINFO
						HL DII PLACER 2				
						HL DII PRIORITY			@PRI	
						HL QUANTITY/TIMING			@ORQT	

B.1.1.25 OBR Observation Request - DII Instrument Results

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL LAB SET ID - INBOUND			
						HL NULL IN				
						HL ORPW IN SET ID -OBR REQ				
						HL SET ID - OBR REQ			OBR	
2	Placer Order Number	75	ST	Yes	No	Placer application's order number	HL DII ORDER NUMBER			
						HL LAB ORDER NUMBER	107	0.02	(ORDER)	
18	Placer Field 1	60	ST	No	No	TBS Required for incoming messages only.	HL DII PLACER 1			
						HL DII INST NAME OUT			@INSTNAME	
19	Placer Field 2	60	ST	No	No	TBS	HL DII ACCN INFO			@AAINFO
						HL DII PLACER 2				

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B.1.1.26 OBR Observation Request - Laboratory

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL SET ID - OBR REQ			OBR
							HL LAB SET ID - INBOUND			
							HL NULL IN			
							HL ORPW IN SET ID -OBR REQ			
2	Placer Order Number	75	ST	Yes	No	Placer application's order number	HL LAB ORDER NUMBER	107	0.02	(ORDER)
							HL DII ORDER NUMBER			
4	Universal Service ID	80	CE	Yes	No	Identifies the requested observation/test/battery. CHCS reference file: LRT	HL LAB ORDERED TEST	66.01	0.01	(TEST ORDERED)
6	Requested Date/Time	26	TS	No	No	Date/Time requested	HL ORPW IN REQ DATE/TIME			
							HL ORPW OUT REQ DATE/TIME			@OBR6
							HL RAD ORDER TASK TIME	70.5	0.06	(ORDER TASK NUMBER)
							HL REQUESTED DATE/TIME	107	0.01	(DATE/TIME)
7	Observation Date/Time	26	TS	No	No	Clinically relevant date/time of the observation	HL LAB COLLECTION DATE	63.6	0.01	(DATE/TIME SPECIMEN TAKEN)
							HL ORPW OUT OBSERV	101	110.04	(DATE/TIME OF COLLECTION)
							HL ORPW IN OBSERV DATE/TIME			
							HL LAB COLLECTION DATE	63.736	0.01	(DATE/TIME SPECIMEN TAKEN)
							HL LAB COLLECTION DATE	63.735	0.01	(DATE/TIME SPECIMEN TAKEN)
							HL LAB COLLECTION DATE	63.727	0.01	(DATE/TIME SPECIMEN RECEIVED)
							HL LAB COLLECTION DATE	63.59	0.01	(COLLECTION DATE/TIME)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB COLLECTION DATE	63.46	0.01	(DATE/TIME SPECIMEN RECEIVED)
							HL LAB COLLECTION DATE	63.44	0.01	(DATE/TIME SPECIMEN RECEIVED)
							HL LAB COLLECTION DATE	63.33	0.01	(DATE/TIME SPECIMEN TAKEN)
							HL LAB COLLECTION DATE	63.04	0.01	(DATE/TIME SPECIMEN TAKEN)
							HL LAB COLLECTION DATE	63.03	0.01	(DATE/TIME SPECIMEN RECEIVED)
							HL LAB ACCN COLLECTION	66	0.04	(COLLECTION DATE/TIME)
							HL LAB COLLECTION DATE	63.47	0.01	(DATE/TIME SPECIMEN RECEIVED)
							HL LAB COLLECTION DATE	63.734	0.01	(DATE/TIME SPECIMEN TAKEN)
13	Relevant Clinical Information	300	ST	No	No	Additional clinical information about the patient or specimen	HL CIW RELEVANT CLINICAL	101	0.1	(ORDER COMMENT)
							HL RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)
							HL RAD RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)
							HL ORPW IN RELEVANT CLIN			
							HL LAB ORDER COMMENT			@ORCOM
							HL ORDER COMMENT	101	0.1	(ORDER COMMENT)
							HL LAB LOG-IN DATE/TIME	63.33	0.07	(DATE/TIME LOG-IN)
							HL LAB LOG-IN DATE/TIME	63.735	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.59	0.07	(LOG-IN DATE/TIME)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
15	Specimen Source	300	CM	No	No	Specimen identifier. CHCS Reference table: LRT	HL LAB LOG-IN DATE/TIME	63.6	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.736	0.07	(LOG-IN DATE/TIME)
							HL LAB ARRIVAL DATE/TIME	63.47	1.5	(LAB ARRIVAL TIME)
							HL LAB ARRIVAL DATE/TIME	63.46	0.06	(LAB ARRIVAL TIME)
							HL LAB ARRIVAL DATE/TIME	63.03	1.5	(LAB ARRIVAL TIME)
							HL AP IN SPECIMEN RCVD			
							HL LAB LOG-IN DATE/TIME	63.04	0.07	(LOG-IN DATE/TIME)
							HL LAB LOG-IN DATE/TIME	63.734	0.07	(LOG-IN DATE/TIME)
							HL LAB RESULT SPECIMEN	63.6	0.03	(SPECIMEN)
							HL SPECIMEN SOURCE	101	110.05	(SPECIMEN SITE)
16	Ordering Provider	60	CN	Yes	No	Provider who ordered the test. CHCS reference file: STF	HL LAB RESULT SPECIMEN	63.736	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.734	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.33	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.04	0.03	(SPECIMEN)
							HL DII SPECIMEN			@SPEC
							HL CIW SPECIMEN SOURCE	101	110.02	(COLLECTION SAMPLE)
							HL AP IN SPECIMEN SOURCE			
							HL LAB RESULT SPECIMEN	63.735	0.03	(SPECIMEN)
							HL LAB REQUESTING HCP	63.04	0.05	(HCP)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB REQUESTING HCP	63.736	0.05	(HCP)
							HL RAD ORDERING PROVIDER	70.5	0.08	(REQUESTING HCP)
							HL ORDERING PROVIDER	101	0.09	(ORDERING HCP)
							HL LAB REQUESTING HCP - SP	63.03	1.4	(REQUESTING PHYSICIAN)
							HL LAB REQUESTING HCP - BM	63.727	11.7	(REQUESTING HCP)
							HL LAB REQUESTING HCP - BM	63.47	1.4	(REQUESTING HCP)
							HL LAB REQUESTING HCP - BM	63.44	11.7	(REQUESTING HCP)
							HL LAB REQUESTING HCP	63.735	0.05	(HCP)
							HL LAB REQUESTING HCP	63.734	0.05	(HCP)
							HL LAB REQUESTING HCP	63.6	0.05	(HCP)
							HL LAB REQUESTING HCP	63.59	0.05	(REQUESTING HCP)
							HL LAB REQUESTING HCP	63.33	0.05	(HCP)
							HL LAB ACCN REQUESTING HCP	66	0.12	(HCP)
							HL LAB REQUESTING HCP	63.46	0.05	(REQUESTING PHYSICIAN)
20	Filler Field #1	60	ST	No	No	Accession Number	HL LAB ACCESSION NUMBER	63.6	0.02	(ACCESSION)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB ACCESSION NUMBER -	63.47	1.1		(ACCESSION NUMBER)
						HL LAB ACCESSION NUMBER -	63.46	0.02		(ACCESSION NUMBER)
						HL LAB ACCESSION NUMBER - AP	63.44	.04		(ACCESSION NUMBER)
						HL LAB ACCESSION NUMBER -	63.727	0.04		(ACCESSION NUMBER)
						HL LAB ACCESSION NUMBER -	63.03	1.1		(ACCESSION NUMBER)
						HL LAB ACCESSION NUMBER	63.734	0.02		(ACCESSION)
						HL LAB ACCESSION NUMBER	63.59	0.02		(ACCESSION NUMBER)
						HL LAB ACCESSION NUMBER	63.33	0.02		(ACCESSION)
						HL LAB ACCESSION NUMBER	63.04	0.02		(ACCESSION)
						HL LAB ACCESSION NUMBER	63.735	0.02		(ACCESSION)
						HL LAB ACCESSION NUMBER	63.736	0.02		(ACCESSION)
22	Results Rpt/Status Change Date/Time	26	TS	No	No	Date/time results reported or status changed. Not used for Blood Result.	HL LAB CERTIFY DATE/TIME	63.44	25.2	(CERTIFY DATE/TIME)
						HL LAB CERTIFY DATE/TIME	63.47	1.82		(CERTIFY DATE/TIME)
						HL LAB CERTIFY DATE/TIME	63.07	4		(CERTIFY DATE/TIME)
						HL LAB CERTIFY DATE/TIME	63.03	1.82		(CERTIFY DATE/TIME)
						HL LAB CERTIFY DATE/TIME	63.768	7		(CERTIFY DATE/TIME)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
23	Charge to Practice	300	CM	No	No	MEPRS charge code Format: <Charge Amount>\<MEPRS ID>\<MEPRS Code>\99MEP	HL CHARGE CODE			@MEPRS
24	Diagnostic Serv Sect ID	80	CE	No	No	Performing Location. CHCS reference files: DIV, HOS	HL LAB WORK ELEMENT	63.33	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.59	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.735	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.734	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.727	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.6	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.736	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.47	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.44	7	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.04	0.08	(LAB WORK ELEMENT)
							HL LAB WORK ELEMENT	63.03	1.7	(LAB WORK ELEMENT)
							HL LAB ACCN WORK ELEMENT	68	0.16	(WORK ELEMENT)
							HL LAB WORK ELEMENT	63.46	0.08	(LAB WORK ELEMENT)
25	Result Status	2	ID	No	No	Status of results for the order. Values from HL7 2.2 table #0123, Result Status. Values for CHCS: Reference Table 3, Result Status Code, in Appendix C.	HL LAB AP RESULT STATUS	66.03	0.02	(STATUS POINTER)
							HL LAB BB STATUS	63.794	0.07	(RESULT STATUS)
26	Parent Results					Not Used	HL RAD STRING			ST
27	Quantity/Timing	255	CM	No	No	Information about how many services to perform at one service time and how often the service times are repeated, and to fix the duration of the request. (not used for Rad Schedule)	HL DII PRIORITY			@PRI
							HL QUANTITY/TIMING			@ORQT

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B.1.1.27 OBR Observation Request - Outbound Messages

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL ORPW IN SET ID -OBR REQ			
							HL LAB SET ID - INBOUND			
							HL SET ID - OBR REQ			OBR
							HL NULL IN			
2	Placer Order Number	75	CM	No	No	Placer application's order number Format: <order number>\<application ID>	HL LAB ACCN ORDER NUMBER	66.01	1.03	(ORDER REFERENCE)
							HL LAB ORDER NUMBER - IN			
							HL ORPW IN PLACER ORD NUM			
							HL PLACER ORDER NUMBER	101	0.01	(ID NUMBER)
3	Filler Order Number	75	CM	No	No	A permanent identifier for an order and its associated observations Format: YY999999, YY=2-digit year, 999999=6 digit sequence number	HL FILLER ORDER NUMBER			@EXAM
							HL ORPW IN FILLER ORDER NUM			
							HL PAS FILLER ORDER NUMBER			
4	Universal Service ID	75	CE	Yes	No	Identifies the requested observation/test/battery. CHCS reference file: RAD. Format: Unique ID or IEN\RAD PROCEDURE NAME\99RAD	HL ORPW IN PROCEDURE			
							HL ORPW OUT PROCEDURE			@ORPROC
							HL RAD PROCEDURE NEW	0.03	70.5	(PROCEDURE)
5	Priority	1	ST	No	No	Priority. Values for CHCS:	HL CIW PRIORITY	101	2.09	(PRIORITY)
							HL ORPW IN LAB PRIORITY			
6	Requested Date/Time	26	TS	No	No	Date/Time requested	HL ORPW OUT REQ DATE/TIME			@OBR6
							HL RAD ORDER TASK TIME	70.5	0.06	(ORDER TASK NUMBER)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL REQUESTED DATE/TIME	107	0.01		(DATE/TIME)
						HL ORPW IN REQ DATE/TIME				
7	Observation Date/Time	26	TS	No	No	Clinically relevant date/time of the observation	HL LAB COLLECTION DATE	63.6	0.01	(DATE/TIME SPECIMEN TAKEN)
						HL LAB COLLECTION DATE	63.03	0.01		(DATE/TIME SPECIMEN RECEIVED)
						HL ORPW OUT OBSERV	101	110.04		(DATE/TIME OF COLLECTION)
						HL ORPW IN OBSERV				
						DATE/TIME				
						HL LAB COLLECTION DATE	63.736	0.01		(DATE/TIME SPECIMEN TAKEN)
						HL LAB COLLECTION DATE	63.735	0.01		(DATE/TIME SPECIMEN TAKEN)
						HL LAB COLLECTION DATE	63.734	0.01		(DATE/TIME SPECIMEN TAKEN)
						HL LAB COLLECTION DATE	63.727	0.01		(DATE/TIME SPECIMEN RECEIVED)
						HL LAB COLLECTION DATE	63.59	0.01		(COLLECTION DATE/TIME)
						HL LAB COLLECTION DATE	63.47	0.01		(DATE/TIME SPECIMEN RECEIVED)
						HL LAB COLLECTION DATE	63.46	0.01		(DATE/TIME SPECIMEN RECEIVED)
						HL LAB COLLECTION DATE	63.44	0.01		(DATE/TIME SPECIMEN RECEIVED)
						HL LAB COLLECTION DATE	63.04	0.01		(DATE/TIME SPECIMEN TAKEN)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB ACCN COLLECTION	66	0.04	(COLLECTION DATE/TIME)
							HL LAB COLLECTION DATE	63.33	0.01	(DATE/TIME SPECIMEN TAKEN)
11	Specimen Action Code	1	ID	No	No	Action to be taken with respect to the specimens that accompany or precede this order. CHCS values:	HL CIW SPECIMEN ACTION CODE	101	110.03	(COLLECTION METHOD)
							HL ORPW IN SPEC ACTION CODE			
							HL SPECIMEN ACTION CODE			
13	Relevant Clinical Information	300	ST	No	No	Additional clinical information about the patient or specimen	HL RAD RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)
							HL CIW RELEVANT CLINICAL	101	0.1	(ORDER COMMENT)
							HL RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)
							HL ORDER COMMENT	101	0.1	(ORDER COMMENT)
							HL LAB ORDER COMMENT			@ORCOM
							HL ORPW IN RELEVANT CLIN			
15	Specimen Source	300	CM	No	No	Specimen identifier. CHCS Reference table: LRT	HL LAB RESULT SPECIMEN	63.33	0.03	(SPECIMEN)
							HL SPECIMEN SOURCE	101	110.05	(SPECIMEN SITE)
							HL LAB RESULT SPECIMEN	63.736	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.735	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.6	0.03	(SPECIMEN)
							HL LAB RESULT SPECIMEN	63.04	0.03	(SPECIMEN)
							HL DII SPECIMEN			@SPEC
							HL CIW SPECIMEN SOURCE	101	110.02	(COLLECTION SAMPLE)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL AP IN SPECIMEN SOURCE				
						HL LAB RESULT SPECIMEN	63.734	0.03	(SPECIMEN)	
18	Placer Field #1	240	ST	Yes	No	Text sent by placer. Comment is required for both query/response and broadcast messages.	HL ORPW IN PLACER FIELD #1			
						HL ORPW LAB PRE COMANS			@ORCOMANS	
19	Placer Field #2	60	ST	No	No	Text sent by placer	HL PLACER FIELD #1	101	130.03	(CLINICAL IMPRESSION (BRIEF))
						HL PLACER FIELD 2				
						HL ORPW IN PLACER FIELD #2				
22	Results Rpt/Status Change Date/Time	26	TS	No	No	Date/time results reported or status changed (used only for outbound messages)	HL LAB DBSS EFFECTIVE DATE			@LREFFDT
						HL ORPW IN RESULTS REP DT/TM				
23	Charge to Practice	40	CM	No	No	MEPRS charge code (not used for Rad Schedule or Rad Arrival) Format: <Charge Amount>\<MEPRS ID>\<MEPRS Code>\99MEP	HL ORPW IN CHARGE TO			
						HL PSO CHARGE TO PRACTICE			@XMEPRS	
						HL OR CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL LAB ACCN MEPRS CODE	101	0.06	(MEPRS CODE)	
						HL CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)	
						HL AP IN MEPRS CODE				
24	Diagnostic Serv Sect ID	50	ST	No	No	Performing Location. CHCS reference files: DIV, HOS	HL ORPW IN OR RAD LOCATION			
						HL ORPW OUT RAD LOC			@ZOM4	
25	Result Status	1	ID	Yes	No	TBS. (not used for Rad Schedule)	HL SET ID - OBSERVATION			OBR
26	Parent Results					Not Used	HL RAD STRING			ST

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
30	Transportation Mode	20	ST	No	No	How/whether to transport a patient	HL TRANSPORTATI ON MODE			@ORTM

B.1.1.28 OBR Observation Request - Radiology Result

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observation Request	4	SI	No	No	For the first order transmitted, the sequence number shall be 1; for the second order, it shall be 2, etc	HL SET ID - OBR REQ			OBR
							HL LAB SET ID - INBOUND			
							HL NULL IN			
							HL ORPW IN SET ID -OBR REQ			
2	Placer Order Number	60	CM	Yes	No	Placer application's order number Format: <order number>\<application ID>	HL RAD ORDER NUMBER	70.5	8609.11	(ORDER ID)
3	Filler Order Number	60	CM	Yes	No	A permanent identifier for an order and its associated observations Format: YY999999, YY=2-digit year, 999999=6 digit sequence number	HL RAD EXAM NUMBER	70.5	0.01	(EXAM NO.)
4	Universal Service ID	75	CE	Yes	No	Identifies the requested observation/test/battery. CHCS reference file: RAD. Format: Unique ID or IEN RAD PROCEDURE NAME 99RAD	HL ORPW IN PROCEDURE			
							HL ORPW OUT PROCEDURE			@ORPROC
							HL RAD PROCEDURE NEW	0.03	70.5	(PROCEDURE)
6	Requested Date/Time	26	TS	No	No	Date/Time requested	HL ORPW IN REQ DATE/TIME			
							HL ORPW OUT REQ DATE/TIME			@OBR6
							HL RAD ORDER TASK TIME	70.5	0.06	(ORDER TASK NUMBER)
							HL REQUESTED DATE/TIME	107	0.01	(DATE/TIME)
7	Observation Date/Time	26	TS	No	No	TBS. (not used for Rad Schedule or Rad Arrival)	HL OBSERVATION DT/TM			@OBSDATE
13	Relevant Clinical Information	300	ST	No	No	Additional clinical information about the patient or specimen	HL CIW RELEVANT CLINICAL	101	0.1	(ORDER COMMENT)
							HL RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)
							HL RAD RELEVANT CLIN. INFO.	101	0.1	(ORDER COMMENT)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL ORPW IN RELEVANT CLIN				
						HL LAB ORDER COMMENT				@ORCOM
						HL ORDER COMMENT	101	0.1		(ORDER COMMENT)
14	Specimen Received Date/Time	26	TS	No	No	Arrival date/time. (not used for Rad Schedule)	HL SPECIMEN REC'D DT/TM			@RECDATE
16	Ordering Provider	60	CN	Yes	No	Provider who ordered the test. CHCS reference file: STF	HL LAB REQUESTING HCP	63.736	0.05	(HCP)
						HL RAD ORDERING PROVIDER	70.5	0.08		(REQUESTING HCP)
						HL ORDERING PROVIDER	101	0.09		(ORDERING HCP)
						HL LAB REQUESTING HCP - SP	63.03	1.4		(REQUESTING PHYSICIAN)
						HL LAB REQUESTING HCP - BM	63.727	11.7		(REQUESTING HCP)
						HL LAB REQUESTING HCP - BM	63.47	1.4		(REQUESTING HCP)
						HL LAB REQUESTING HCP - BM	63.44	11.7		(REQUESTING HCP)
						HL LAB REQUESTING HCP	63.735	0.05		(HCP)
						HL LAB REQUESTING HCP	63.734	0.05		(HCP)
						HL LAB REQUESTING HCP	63.6	.05		(HCP)
						HL LAB REQUESTING HCP	63.59	0.05		(REQUESTING HCP)
						HL LAB REQUESTING HCP	63.46	0.05		(REQUESTING PHYSICIAN)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB REQUESTING HCP	63.33	0.05		(HCP)
						HL LAB ACCN REQUESTING HCP	66	0.12		(HCP)
						HL LAB REQUESTING HCP	63.04	0.05		(HCP)
23	Charge to Practice	40	CM	No	No	MEPRS charge code (not used for Rad Schedule or Rad Arrival) Format: <Charge Amount>\<MEPRS ID>\<MEPRS Code>\99MEP	HL ORPW IN CHARGE TO			
							HL RAD CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL PSO CHARGE TO PRACTICE			@XMEPRS
							HL AP IN MEPRS CODE			
							HL CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL LAB ACCN MEPRS CODE	101	0.06	(MEPRS CODE)
							HL OR CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
24	Diagnostic Serv Sect ID	75	CE	Yes	No	Performing Radiology Location. CHCS reference files: DIV, HOS. Format: Hospital Location ID or IEN\Hospital Location Name\99HOS\Division ID or IEN\Division Name\99DIV	HL OR RAD LOCATION	79.1	0.01	(LOCATION)
							HL RAD DIAGNOSTIC SERV SECT	79.1	0.01	(LOCATION)
25	Result Status	1	ID	Yes	No	TBS. (not used for Rad Schedule)	HL SET ID - OBSERVATION			OBR
26	Parent Results					Not Used	HL RAD STRING			ST
27	Quantity/Timing	255	CM	No	No	Information about how many services to perform at one service time and how often the service times are repeated, and to fix the duration of the request. (not used for Rad Schedule)	HL QUANTITY/TIMING			@ORQT
							HL DII PRIORITY			@PRI
30	Transportation Mode	20	ST	No	No	How/whether to transport a patient	HL TRANSPORTATION MODE			@ORTM

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
32	Principal Result Interpreter	60	CN	Yes	No	Identity of the physician or other clinician who interpreted the observation and is responsible for the report content (not used for Rad Schedule or Rad Arrival)	HL PRINC RESULT INTERP	74	8609	(SUPERVISING RADIOLOGIST)
33	Assistant Result Interpreter	60	CN	No	No	Clinical observer who assisted with the interpretation of this study (not used for Rad Schedule or Rad Arrival)	HL ASST RES INTERP.	74	8601	(INTERPRETING RADIOLOGIST)
34	Technician	60	CN	No	No	Performing technician (not used for Rad Schedule or Rad Arrival)	HL TECHNICIAN			@TECH
35	Transcriptionist	60	CN	No	No	Report transcriber (not used for Rad Schedule or Rad Arrival)	HL TRANSCRIPTION IST			@TRANSC
36	Scheduled Date/Time	26	TS	Yes	No	TBS. (used only for Rad Schedule)	HL SCHEDULED DT/TM	70.5	0.21	(SCHEDULED DATE/TIME)

B.1.1.29 OBX Observation/Result - Anatomic Pathology

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	3	SI	No	No	Sequence Number (required for inbound messages)	HL LAB SET ID - INBOUND			
							HL LAB SET ID - OBX			OBX
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
							HL LAB ST VALUE TYPE			ST
3	Observation Identifier	80	CE	Yes	No	Unique identifier for the observation. CHCS reference files: AS4, LAB	HL LAB OBSERVATION ID - IN			
							HL LAB PROCESS TEST	66.02	0.01	(PROCESS TEST)
4	Observation Sub-ID	20	ST	No	No	Speciment container ID (used only for inbound messages)	HL AP OBSERVATION SUB-ID			
5	Observation Value	255	ST	Yes	No	Value observed by the observation producer	HL RAD RESULT CODE	74	8603	(RESULT CODE)
							HL LAB OP PARASITE			@NULL
							HL LAB OP STAGE			@NULL

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB OP STOOL RESULT				@NULL
						HL LAB TB ACID FAST STAIN				@NULL
						HL LAB BT BACT RESULT	63.737	2		(BACT RESULT)
						HL LAB TB RESULT				@NULL
						HL RAD AMENDED RESULT	74.05	4		(AMENDED RESULT CODE)
						HL LAB OBSERVATION VALUE -				
						HL LAB VR VIROLOGY RESULT				@NULL
						HL LAB MY RESULT	63.753	2		(MYCOLOGY RESULT)
						HL LAB MICRO RESULT	63.761	20		(CERTIFIED RESULTS)
						HL LAB CH RESULT	63.07	0.01		(RESULT)
						HL LAB BT STERILITY RESULT	63.737	10		(STERILITY RESULT)
						HL LAB BT GRAM STAIN	63.737	4		(GRAM STAIN)
						HL LAB BT STERILITY CONTROL	63.737	9		(STERILITY CONTROL)
						HL LAB BB RESULT	63.794	0.01		(RESULT)
						HL LAB AP RESULT	63.794	0.01		(RESULT)
						HL LAB MY SMEAR/PREP	63.753	4		(SMEAR/PREP)
14	Date/Time of the Observation	26	TS	No	No	Date/Time of certification	HL LAB EFFECTIVE DATE - IN			
16	Responsible Observer	80	CN	No	No	Ceritifying person. CHCS reference table: USR	HL AP IN CERTIFIED BY			

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B.1.1.30 OBX Observation/Result - Blood Bank Order

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	3	SI	No	No	Sequence Number	HL LAB SET ID - OBX			OBX
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
							HL LAB PROCESS TEST	66.02	0.01	(PROCESS TEST)
5	Observation Value	255	ST	Yes	No	Value observed by the observation producer	HL LAB OBSERVATION VALUE -			
							HL LAB BT GRAM STAIN	63.737	4	(GRAM STAIN)
							HL RAD RESULT CODE	74	8603	(RESULT CODE)
							HL RAD AMENDED RESULT	74.05	4	(AMENDED RESULT CODE)
							HL LAB VR VIROLOGY RESULT			@NULL
							HL LAB TB RESULT			@NULL
							HL LAB TB ACID FAST STAIN			@NULL
							HL LAB OP STOOL RESULT			@NULL
							HL LAB OP STAGE			@NULL
							HL LAB OP PARASITE			@NULL
							HL LAB MY SMEAR/PREP	63.753	4	(SMEAR/PREP)
							HL LAB MY RESULT	63.753	2	(MYCOLOGY RESULT)
							HL LAB MICRO RESULT	63.761	20	(CERTIFIED RESULTS)
							HL LAB CH RESULT	63.07	0.01	(RESULT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB BT STERILITY CONTROL	63.737	9	(STERILITY CONTROL)
							HL LAB BT BACT RESULT	63.737	2	(BACT RESULT)
							HL LAB BB RESULT	63.794	0.01	(RESULT)
							HL LAB AP RESULT	63.794	0.01	(RESULT)
							HL LAB BT STERILITY RESULT	63.737	10	(STERILITY RESULT)
11	Observation Result Status	1	ST	Yes	No	HL7 2.2 - reference to table 0085, Observation result status, for valid codes. This field reflects the current completion status of the results for one Observation Identifier	HL LAB CH RESULT STATUS			@NULL
							HL LAB MICRO RESULT STATUS	63.761	1	(RESULT TYPE)
14	Date/Time of the Observation	26	TS	No		Required when the observations reported beneath one report header (OBR) have different dates, or clearance studies where one measurement within a battery may have a different time than another measurement	HL LAB CERTIFY DATE/TIME	63.753	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.727	25.2	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.746	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.46	0.13	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.737	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.761	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY PERSON	63.768	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.794	0.06	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.761	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.753	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.737	8	(CERTIFY PERSON)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB CERTIFY PERSON	HL LAB CERTIFY PERSON	63.07	5	(CERTIFY PERSON)

B.1.1.31 OBX Observation/Result - Blood Test Result

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
3	Observation Identifier	80	CE	Yes	No	Unique identifier for the observation. CHCS reference files: AS4, LAB	HL LAB OBSERVATION ID - IN			
							HL LAB PROCESS TEST	66.02	0.01	(PROCESS TEST)
5	Observation Value	300	ST	No	No	Observed value	HL OBSERVATION VALUE IN			
							HL LAB OBSERVATION VALUE -			
11	Observation Result Status	1	ID	Yes	No	Result Status. Values for CHCS: C = Amended Results; F = Final Results	HL LAB RESULT STATUS - IN			
14	Date/Time of the Observation	26	TS	No	No	Date/Time of certification	HL LAB EFFECTIVE DATE - IN			

B.1.1.32 OBX Observation/Result - Clinical Chemistry

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
3	Observation Identifier	80	CE	Yes	No	Unique identifier for the observation. CHCS reference file: LRT. Values for CHCS: R\REPORT\L = Report Text; C\RESULT CODE\L = Result Category	HL RAD RESULT CODE OBS ID			
							HL LAB PROCESS TEST	66.02	0.01	(PROCESS TEST)
5	Observation Value	255	ST	Yes	No	Value observed by the observation producer	HL LAB OP PARASITE			@NULL
							HL LAB OP STAGE			@NULL
							HL LAB OP STOOL RESULT			@NULL
							HL LAB TB ACID FAST STAIN			@NULL
							HL LAB TB RESULT			@NULL
							HL LAB VR VIROLOGY RESULT			@NULL
							HL RAD AMENDED RESULT	74.05	4	(AMENDED RESULT CODE)
							HL LAB OBSERVATION VALUE -			
							HL RAD RESULT CODE	74	8603	(RESULT CODE)
							HL LAB MY RESULT	63.753	2	(MYCOLOGY RESULT)
							HL LAB MICRO RESULT	63.761	20	(CERTIFIED RESULTS)
							HL LAB CH RESULT	63.07	0.01	(RESULT)
							HL LAB BT STERILITY RESULT	63.737	10	(STERILITY RESULT)
							HL LAB BT STERILITY CONTROL	63.737	9	(STERILITY CONTROL)
							HL LAB BT GRAM STAIN	63.737	4	(GRAM STAIN)
							HL LAB BT BACT RESULT	63.737	2	(BACT RESULT)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB AP RESULT	63.794	0.01	(RESULT)
							HL LAB BB RESULT	63.794	0.01	(RESULT)
							HL LAB MY SMEAR/PREP	63.753	4	(SMEAR/PREP)
6	Units	20	ST	No	No	Unit of measure for the result	HL LAB UNITS			@LRUNIT
7	Reference Range	60	ST	No	No	If the observation quantities the amount of a toxic substance, the upper limit identifies the toxic limit. If the observation quantities a drug, the lower limits identify the lower therapeutic bounds and the upper limits represent the upper therapeutic c	HL LAB CH REFERENCE RANGE	63.07	0.13	(COMPUTED NORMAL LOW VALUE)
8	Abnormal Flags	30	ST	Yes	No	A table lookup indicating the normalcy status of the result	HL LAB MICRO SENSITIVITY	63.787	0.02	(SENSITIVITY)
							HL LAB MICRO SENSITIVITY	63.791	0.02	(SENSITIVITY)
							HL LAB ABNORMAL FLAGS			@NULL
11	Observation Result Status	1	ST	Yes	No	HL7 2.2 - reference to table 0085, Observation result status, for valid codes. This field reflects the current completion status of the results for one Observation Identifier	HL LAB MICRO RESULT STATUS	63.761	1	(RESULT TYPE)
							HL LAB CH RESULT STATUS			@NULL
13	User Defined Access Checks	1	ST	No	No	Permits the producer to record results-dependent codes for classifying the observation at the receiving system	HL LAB CH SENSITIVE RESLT	63.07	0.12	(SENSITIVE RESULT)
							HL LAB MI SENSITIVE RESLT	60	0.2	(SENSITIVE RESULTS)
14	Date/Time of the Observation	26	TS	No	No	Required when the observations reported beneath one report header (OBR) have different dates, or clearance studies where one measurement within a battery may have a different time than another measurement	HL LAB CERTIFY DATE/TIME	63.746	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.727	25.2	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.753	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.761	7	(CERTIFY DATE/TIME)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB CERTIFY DATE/TIME	63.46	0.13	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.737	7	(CERTIFY DATE/TIME)
16	Responsible Observer	60	CN	Yes	No	When required, the identifier of the individual directly responsible for the observation	HL LAB CERTIFY PERSON	63.753	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.794	0.06	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.761	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.07	5	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.737	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.768	8	(CERTIFY PERSON)

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B.1.1.33 OBX Observation/Result - Clinical History

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	10	ID	No	No	Format of the observation value in OBX. Values from CHCS table: Reference Table 15, Data Types, in Appendix C.	HL AP VALUE TYPE			ST
3	Observation Identifier	60	ST	No	No	Unique identifier for the observation. CHCS reference files: AS4, LRT	HL AP PREOPERATIVE DX ID			5000.3\Preoperative Dx\AS4
							HL AP CLIN HX/AUTOPSY ID			5000.10\Clinical History\AS4
							HL AP POSTOPERATIVE DX ID			5000.4\Postoperative Dx\AS4
5	Observation Value	999	ST	No	No	Text description of Clinical History or Operative Findings	HL AP CLIN HX/PREV CYTOLOGY	101	112.101	(PREVIOUS CYTOLOGY DIAGNOSIS)
							HL AP CLIN HX/RAD THERAPY	101	112.1	(RADIATION THERAPY DATE)
							HL AP CLIN HX/WEEKS	101	112.06	(WEEKS POST PARTUM)
							HL AP CLIN HX/WEEKS	101	112.05	(WEEKS PREGNANT)
							HL AP POSTOPERATIVE	101	111.4	(POSTOPERATIVE DIAGNOSIS)
							HL AP CLIN HX/HORMONE	101	112.09	(HORMONE THERAPY?)
							HL AP PREOPERATIVE	101	111.2	(PREOPERATIVE DIAGNOSIS)
							HL AP OPERATIVE FINDINGS	101	111.3	(OPERATIVE FINDINGS)
							HL AP CLIN HX/POST	101	112.03	(POST-MENOPAUSAL?)
							HL AP CLIN HX/HYSTERECT OMY	101	112.04	(HYSTERECTOM Y?)
							HL AP CLIN HX/CYTOL OGY	101	112.102	(CYTOLOGY COMMENT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL AP CLIN HX/CYT THERAPY	101		112.11	(CYTOTOXIC THERAPY DATE)
						HL AP CLIN HX/BIRTH C PILLS	101		112.07	(BIRTH CONTROL PILLS?)
						HL AP CLIN HX/BIRTH C IUD	101		112.08	(I.U.D.?)
						HL AP CLIN HX/AUTOPSY COMM	101		111.1	(CLIN HISTORY/AUTOP SY COMMENT)
						HL AP CLIN HX/LMP DATE	101		112.02	(L.M.P. DATE)

B.1.1.34 OBX Observation/Result - DII Instrument

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	10	ID	No	No	Format of the observation value in OBX. Values from CHCS table: Reference Table 15, Data Types, in Appendix C.	HL AP VALUE TYPE			ST
3	Observation Identifier	200	CM	No	No	TBS	HL DII TEST CODE			
4	Observation Sub-ID	20	ST	No	No	Container ID (e.g., A, B, AA, BB)	HL ORPW IN CONTAINER			
							HL DII OBSERVATION SUB-ID			
							HL AP CONTAINER	101.08	0.02	(CONTAINER)
5	Observation Value	80	ST	No	No	TBS	HL DII TEST RESULT			

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B.1.1.35 OBX Observation/Result - IVM

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	2	ID	No	No	Format of the observation value in OBX. Values from CHCS table: Reference Table 15, Data Types, in Appendix C.	HL VALUE TYPE IN			
3	Observation Identifier	80	CM	No	No	Unique identifier	HL OBSERVATION ID IN			
4	Observation Sub-ID	20	ST	No	No	Used to distinguish between multiple OBX segments with the same Observation ID	HL OBSERVATION SUB-ID			
5	Observation Value	300	ST	No	No	Observed value	HL OBSERVATION VALUE IN			
							HL LAB OBSERVATION VALUE -			

B.1.1.36 OBX Observation/Result - Microbiology

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	3	SI	No	No	Sequence Number	HL LAB SET ID - OBX			OBX
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
							HL LAB ST VALUE TYPE			ST
3	Observation Identifier	80	ST	Yes	No	Unique identifier for the observation	HL LAB OP PARASITE			@NULL
							HL LAB BT STERILITY CONTROL			@NULL
							HL LAB VR VIROLOGY RESULT ID			@NULL
							HL LAB TB RESULT ID			@NULL

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB TB ACID FAST STAIN ID				@NULL
						HL LAB OP STOOL RESULT ID				@NULL
						HL LAB MY SMEAR/PREP ID				@NULL
						HL LAB BT STERILITY RESULT ID				@NULL
						HL LAB BT GRAM STAIN ID				@NULL
						HL LAB BT BACT RESULT ID				@NULL
						HL LAB MY RESULT ID				@NULL
5	Observation Value	255	ST	Yes	No	Value observed by the observation producer	HL LAB OBSERVATION VALUE -			
							HL LAB MY SMEAR/PREP	63.753	4	(SMEAR/PREP)
							HL RAD RESULT CODE	74	8603	(RESULT CODE)
							HL RAD AMENDED RESULT	74.05	4	(AMENDED RESULT CODE)
							HL LAB VR VIROLOGY RESULT			@NULL
							HL LAB TB RESULT			@NULL
							HL LAB TB ACID FAST STAIN			@NULL
							HL LAB OP STOOL RESULT			@NULL
							HL LAB OP STAGE			@NULL
							HL LAB BT BACT RESULT	63.737	2	(BACT RESULT)
							HL LAB OP PARASITE			@NULL
							HL LAB BB RESULT	63.794	0.01	(RESULT)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB BT GRAM STAIN	63.737	4	(GRAM STAIN)
							HL LAB BT STERILITY CONTROL	63.737	9	(STERILITY CONTROL)
							HL LAB BT STERILITY RESULT	63.737	10	(STERILITY RESULT)
							HL LAB CH RESULT	63.07	0.01	(RESULT)
							HL LAB MICRO RESULT	63.761	20	(CERTIFIED RESULTS)
							HL LAB MY RESULT	63.753	2	(MYCOLOGY RESULT)
							HL LAB AP RESULT	63.794	0.01	(RESULT)

B.1.1.37 OBX Observation/Result - Microbiology Antibiotic

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	3	SI	No	No	Sequence Number	HL LAB SET ID - OBX			OBX
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
3	Observation Identifier	255	CE	Yes	No	Unique identifier for the observation. CHCS reference file: LRE	HL LAB ANTIBIOTIC	63.787	0.01	(ANTIBIOTIC)
							HL LAB ANTIBIOTIC	63.791	0.01	(ANTIBIOTIC)
5	Observation Value	30	ST	Yes	No	Value observed by the observation producer	HL LAB INTERPRETATIO N	63.787	0.03	(INTERPRETATIO N)
							HL LAB INTERPRETATIO N	63.791	0.03	(INTERPRETATIO N)
8	Abnormal Flags	30	ST	Yes	No	A table lookup indicating the normalcy status of the result	HL LAB MICRO SENSITIVITY	63.787	0.02	(SENSITIVITY)
							HL LAB MICRO SENSITIVITY	63.791	0.02	(SENSITIVITY)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB ABNORMAL FLAGS				@NULL

B.1.1.38 OBX Observation/Result - Microbiology Coded (Description Code Reference)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	3	SI	No	No	Sequence Number	HL LAB SET ID - OBX			OBX
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
							HL LAB BT ORGANISM	63.786	0.01	(ORGANISM)
3	Observation Identifier	80	CE	Yes	No	Unique identifier for the observation. CHCS reference file: LRE	HL LAB VR VIRUS	63.77	0.01	(VIRUS)
							HL LAB MY FUNGUS/YEAST	63.755	0.01	(FUNGUS/YEAST)
							HL LAB TB ORGANISM	63.79	0.01	(MYCOBACTERIUM TB)
							HL LAB BT ORGANISM RESULT			
5	Observation Value	255	CM	No	No	Value observed by the observation producer	HL LAB MY QUANTITY	63.755	1	(QUANTITY)
							HL LAB TB QUANTITY	63.79	0.02	(QUANTITY)
							HL LAB VR QUANTITY	63.77	1	(QUANTITY)

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B.1.1.39 OBX Observation/Result - Microbiology Test

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	3	SI	No	No	Sequence Number	HL LAB SET ID - OBX			OBX
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL RAD CODED ELEMENT			CE
							HL LAB VALUE TYPE - IN			
							HL LAB ST VALUE TYPE			ST
3	Observation Identifier	60	CE	Yes	No	Unique identifier for the observation. CHCS reference file: LRT	HL LAB MICRO TEST	63.746	0.01	(TEST)
							HL LAB MICRO TEST	63.753	0.01	(TEST)
							HL LAB MICRO TEST	63.761	0.01	(TEST)
							HL LAB MICRO TEST	63.768	0.01	(TEST)
5	Observation Value	255	ST	Yes	No	Value observed by the observation producer	HL LAB MY RESULT	63.753	2	(MYCOLOGY RESULT)
							HL RAD RESULT CODE	74	8603	(RESULT CODE)
							HL RAD AMENDED RESULT	74.05	4	(AMENDED RESULT CODE)
							HL LAB VR VIROLOGY RESULT			@NULL
							HL LAB TB RESULT			@NULL
							HL LAB TB ACID FAST STAIN			@NULL
							HL LAB OP STOOL RESULT			@NULL
							HL LAB OP STAGE			@NULL
							HL LAB OP PARASITE			@NULL
							HL LAB BT BACT RESULT	63.737	2	(BACT RESULT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL LAB OBSERVATION VALUE -				
						HL LAB BB RESULT	63.794	0.01	(RESULT)	
						HL LAB MY SMEAR/PREP	63.753	4	(SMEAR/PREP)	
						HL LAB BT GRAM STAIN	63.737	4	(GRAM STAIN)	
						HL LAB BT STERILITY CONTROL	63.737	9	(STERILITY CONTROL)	
						HL LAB BT STERILITY RESULT	63.737	10	(STERILITY RESULT)	
						HL LAB CH RESULT	63.07	0.01	(RESULT)	
						HL LAB MICRO RESULT	63.761	20	(CERTIFIED RESULTS)	
						HL LAB AP RESULT	63.794	0.01	(RESULT)	
11	Observation Result Status	1	ST	Yes	No	HL7 2.2 - reference to table 0085, Observation result status, for valid codes. This field reflects the current completion status of the results for one Observation Identifier	HL LAB CH RESULT STATUS			@NULL
							HL LAB MICRO RESULT STATUS	63.761	1	(RESULT TYPE)
13	User Defined Access Checks	1	ST	No	No	Permits the producer to record results-dependent codes for classifying the observation at the receiving system	HL LAB CH SENSITIVE RESLT	63.07	0.12	(SENSITIVE RESULT)
							HL LAB MI SENSITIVE RESLT	60	0.2	(SENSITIVE RESULTS)
14	Date/Time of the Observation	26	TS	No	No	Required when the observations reported beneath one report header (OBR) have different dates, or clearance studies where one measurement within a battery may have a different time than another measurement	HL LAB CERTIFY DATE/TIME	63.746	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.761	7	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.737	7	(CERTIFY DATE/TIME)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL LAB CERTIFY DATE/TIME	63.46	0.13	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.727	25.2	(CERTIFY DATE/TIME)
							HL LAB CERTIFY DATE/TIME	63.753	7	(CERTIFY DATE/TIME)
16	Responsible Observer	60	CN	Yes	No	When required, the identifier of the individual directly responsible for the observation	HL LAB CERTIFY PERSON	63.768	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.794	0.06	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.761	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.753	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.737	8	(CERTIFY PERSON)
							HL LAB CERTIFY PERSON	63.07	5	(CERTIFY PERSON)

B.1.1.40 OBX Observation/Result - Radiology

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
							HL RAD CODED ELEMENT			CE
3	Observation Identifier	80	CE	Yes	No	Unique identifier for the observation. CHCS reference file: TBS Values for CHCS: R\REPORT\L = Report Text; C\RESULT CODE\L = Result Category	HL RAD REPORT OBS ID			
5	Observation Value	300	ST	Yes	Yes	Value observed by the observation producer	HL RAD AMENDED REPORT	74.05	3	(AMENDED TEXT)
							HL RAD REPORT	74	200	(REPORT TEXT)

B.1.1.41 OBX Observation/Result - Radiology Code

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	2	ST	Yes	No	Format of the observation value in OBX	HL RAD CODED ELEMENT			CE
							HL LAB ST VALUE TYPE			ST
							HL LAB VALUE TYPE - IN			
3	Observation Identifier	80	CE	Yes	No	Unique identifier for the observation. CHCS reference file: TBS. Values for CHCS: R\REPORT\L = Report Text; C\RESULT CODE\L = Result Category	HL RAD REPORT OBS ID			

B.1.1.42 OBX Observation/Result - Specimen/Container

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	No	No	Sequence Number	HL SET ID - OBSERVATION			OBR
2	Value Type	10	ID	No	No	Format of the observation value in OBX. Values from CHCS table: Reference Table 15, Data Types, in Appendix C.	HL AP VALUE TYPE			ST
3	Observation Identifier	99	ST	No	No	Unique identifier for the specimen. CHCS reference files: AS4, LAB	HL ORPW IN SPECIMEN ID			
							HL AP FROZEN SPECIMEN ID			FRZ\Frozen Specimens\99LAB
							HL AP SPECIMEN ID			5000.12\Specimens\AS4
4	Observation Sub-ID	20	ST	No	No	Container ID (e.g., A, B, AA, BB)	HL ORPW IN CONTAINER			
							HL AP CONTAINER	101.08	0.02	(CONTAINER)
							HL DII OBSERVATION SUB-ID			
5	Observation Value	999	ST	No	No	Description of specimen or indicator (Y/N) for frozen specimen	HL AP FROZEN SPECIMEN	101.08	0.04	(FROZEN SECTION)
							HL AP SPECIMEN DESCRIPTION	101.08	0.1	(SPECIMEN DESCRIPTION)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL ORPW IN SPECIMEN DESC				

B.1.1.43 ODS *Dietary Orders, Supplements and Preferences*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Type	1	ID	Yes	No	Specifies the type of Diet Order, Supplement or Preference. Values for CHCS: D = Diet; S = Supplement; P = Preference	HL CIW TYPE			D
							HL ORPW IN TYPE			
3	Diet, Supplement, or Preference Code	60	CE	Yes	No	Name of diet. CHCS reference file: DTS	HL CIW DIET	101	125.01	(DIET)
							HL ORPW IN DIET			
4	Text Instruction	80	ST	No	No	Specific instructions for dietary. May address specific patient needs	HL CIW TEXT INSTRUCTION	101	0.1	(ORDER COMMENT)
							HL ORPW IN TEXT INSTRUCTION			

B.1.1.44 ORC *Common Order - Appointment & Scheduling*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Control	2	ID	Yes	No	Determines the function of the order segment. Values from HL7 2.2 Table #0119, Order Control Codes and Their meaning. Values for CHCS: Reference Table 4, Order Control Code, in Appendix C.	HL ORDER CONTROL			@OREVENT
							HL PAS ORDER CONTROL			
2	Placer Order Number	75	CM	No	No	Placer application's order number. Required for outgoing messages to DII. Format: <order number> <application ID>	HL PAS PLACER ORDER NUMBER			(ORDER ENTRY NUMBER)
							HL PSO PLACER ORDER NUMBER	52	0.17	
							HL LAB ORDER NUMBER	107	0.02	(ORDER)
							HL DII ORDER NUMBER - OUT			
3	Filler Order Number	75	CM	No	No	A permanent identifier for an order and its associated observations Format: YY999999, YY=2-digit year, 999999=6 digit sequence number	HL ORPW IN FILLER ORDER NUM			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL PAS FILLER ORDER NUMBER				
						HL FILLER ORDER NUMBER			@EXAM	
4	Placer Group Number	75	CM	No	No	Allows an order placing application to group sets of orders together and subsequently identify them Format: IEN of Page ID	HL CIW PLACER GROUP NUMBER	109.01	0.01	(ORDER)
						HL PAS PLACER GROUP				
5	Order Status	2	ID	No	No	Status of an order. Values from HL7 2.2, Table #0038 Reference Table 5, Order Status Code, in Appendix C.	HL PAS ORDER STATUS			
6	Response Flag	1	ID	No	No	Allows the placer application to determine the amount of information to be returned from the filler. Values from HL7 2.2 Table #0121, Response Flag Reference Table 6, Response Code, in Appendix C.	HL PAS RESPONSE FLAG			
7	Quantity/Timing	200	CQ	No	No	Determines the priority, quantity, frequency, and timing of an atomic service	HL PAS QUANTITY/TIMING			
8	Parent	200	CM	No	No	Relates a child to its parent when a parent-child relationship exists	HL PAS PARENT			
9	Date/Time of Transaction	26	TS	No	No	Date and time the current transaction enters the ordering application. Required for Rad	HL DT/TM OF TRANSACTION	101	0.21	(EARLIEST TASK DATE/TIME)
						HL PAS DATE/TIME OF TRANS				
						HL PSO D/T OF TRANSACTION			@PSDTTRNS	
10	Entered By	80	CN	No	No	Identity of the person who actually keyed the request into the application	HL ENTERED BY	101	1.01	(USER SIG)
						HL PAS ENTERED BY-ORDER				
						HL PSO ENTERED BY	52	0.08	(LOGGED BY)	
11	Verified By	80	CN	No	No	Identity of the person who verified the accuracy of the entered request	HL PAS VERIFIED BY			
						HL VERIFIED BY	101	1.05	(HCP SIG)	
12	Ordering Provider	80	CN	No	No	Identity of the person who is responsible for creating the request	HL OR ORDERING PROVIDER	101	0.09	(ORDERING HCP)
						HL PAS ORDERING PROVIDER	101	0.09	(ORDERING HCP)	

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL CP ORC ORDERING PROVIDER	101	0.09	(ORDERING HCP)
13	Enterer's Location	80	CM	No	No	Location (e.g. department, floor) of the person who entered the request. In the form of: <Requesting Location IEN> <Requesting Location Name>	HL PAS ENTERER'S LOCATION			
14	Call Back Phone Number	40	TN	No	No	Telephone number to call for clarification of a request or other information regarding the order	HL PAS CALL BACK PHONE			
16	Order Control Code Reason	200	CE	No	No	Explanation (either incoded or text form) of the reason for the order event. CHCS reference file:	HL PAS ORDER CNTL CODE			
17	Entering Organization	60	CE	No	No	Organization that the enterer represents at the time he/she enters/maintains the order. CHCS reference file:	HL PAS ENTERING			
18	Entering Device	60	CE	No	No	Identifier of the physical device (terminal, PC) used to enter the order. CHCS reference file:	HL PAS ENTERING DEVICE			
19	Action By	80	CN	No	No	Identity of the person who initiated the event represented by the corresponding order control code	HL PAS ACTION BY			

B.1.1.45 ORC Common Order - DII Instrument

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Control	2	ID	Yes	No	Determines the function of the order segment. Values from HL7 2.2 Table #0119, Order Control Codes and Their meaning. Values for CHCS: Reference Table 4, Order Control Code, in Appendix C.	HL PAS ORDER CONTROL			
							HL ORDER CONTROL			@OREVENT
2	Placer Order Number	75	CM	No	No	Placer application's order number. Required for outgoing messages to DII. Format: <order number> <application ID>	HL DII ORDER NUMBER - OUT			@ACN
							HL LAB ORDER NUMBER	107	0.02	(ORDER)
							HL PAS PLACER ORDER NUMBER			
							HL PSO PLACER ORDER NUMBER	52	0.17	(ORDER ENTRY NUMBER)
13	Enterer's Location	80	CM	Yes	No	TBS	HL DII HCP LOCATION			@HCPLOC

B.1.1.46 ORC Common Order - Laboratory

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Control	2	ID	Yes	No	Determines the function of the order segment. Values from HL7 2.2 Table #0119, Order Control Codes and Their meaning. Values for CHCS: Reference Table 4, Order Control Code, in Appendix C.	HL ORDER CONTROL			@OREVENT
							HL PAS ORDER CONTROL			
2	Placer Order Number	75	CM	No	No	Placer application's order number. Required for outgoing messages to DII. Format: <order number>\<application ID>	HL DII ORDER NUMBER - OUT			@ACN
							HL LAB ORDER NUMBER	107	0.02	(ORDER)
							HL PAS PLACER ORDER NUMBER			
							HL PSO PLACER ORDER NUMBER	52	0.17	(ORDER ENTRY NUMBER)
4	Placer Group Number	75	CM	No	No	Allows an order placing application to group sets of orders together and subsequently identify them Format: IEN of Page ID	HL CIW PLACER GROUP NUMBER	109.01	0.01	(ORDER)
							HL PAS PLACER GROUP			
5	Order Status	2	ID	No	No	Status of an order. Values for CHCS: Reference Table 5, Order Status Code, in Appendix C.	HL ORDER STATUS (ID)			@ORSTAT
7	Quantity/Timing	255	CM	No	No	Information about how many services to perform at one service time and how often the service times are repeated, and to fix the duration of the request. (not used for Rad Schedule)	HL DII PRIORITY			@PRI
							HL QUANTITY/TIMING			@ORQT
9	Date/Time of Transaction	26	TS	No	No	Date and time the current transaction enters the ordering application. Required for Rad	HL DT/TM OF TRANSACTION	101	0.21	(EARLIEST TASK DATE/TIME)
							HL PAS DATE/TIME OF TRANS			
							HL PSO D/T OF TRANSACTION			@PSDTTRNS
10	Entered By	80	CN	No	No	Identity of the person who actually keyed the request into the application	HL PSO ENTERED BY	52	0.08	(LOGGED BY)
							HL ENTERED BY	101	1.01	(USER SIG)
							HL PAS ENTERED BY-ORDER			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
11	Verified By	80	CN	No	No	Identity of the person who verified the accuracy of the entered request	HL PAS VERIFIED BY			
							HL VERIFIED BY	101	1.05	(HCP SIG)
12	Ordering Provider	80	CN	No	No	Identity of the person who is responsible for creating the request	HL CP ORC ORDERING PROVIDER	101	0.09	(ORDERING HCP)
							HL OR ORDERING PROVIDER	101	0.09	(ORDERING HCP)
							HL PAS ORDERING PROVIDER	101	0.09	(ORDERING HCP)
13	Enterer's Location	80	CE	No	No	Location of the person who entered the request. CHCS reference file: DIV, HOS. Required for Rad. Format: Hospital Location ID or IEN\Hospital Location Name\99HOS\Division ID or IEN\Division Name\99DIV	HL LAB REQUESTING LOCATION	101	0.07	(PATIENT LOCATION)
							HL PSO ENTERER'S LOCATION			@PSORLOC
							HL RAD ENTERER'S LOCATION	70.5	1.07	(REQ. WARD/CLINIC)
14	Call Back Phone Number					Not Used	HL RAD ORDER EFFECTIVE DT	70.5	0.07	(ORDER DATE/TIME)

B.1.1.47 ORC Common Order - Pharmacy

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Control	2	ID	Yes	No	Determines the function of the order segment. Values from HL7 2.2 Table #0119, Order Control Codes and Their meaning. Values for CHCS: Reference Table 4, Order Control Code, in Appendix C.	HL ORDER CONTROL			@OREVENT
							HL PAS ORDER CONTROL			
2	Placer Order Number	75	CM	No	No	Placer application's order number. Required for outgoing messages to DII. Format: <order number>\<application ID>	HL DII ORDER NUMBER - OUT			@ACN
							HL LAB ORDER NUMBER	107	0.02	(ORDER)
							HL PAS PLACER ORDER NUMBER			
							HL PSO PLACER ORDER NUMBER	52	0.17	(ORDER ENTRY NUMBER)
10	Entered By	80	CN	No	No	Identity of the person who actually keyed the request into the application	HL PAS ENTERED BY-ORDER			
							HL PSO ENTERED BY	52	0.08	(LOGGED BY)
							HL ENTERED BY	101	1.01	(USER SIG)
11	Date/Time of Transaction	26	TS	No	No	Date and time the current transaction enters the ordering application. Required for Rad	HL PAS DATE/TIME OF TRANS			
							HL PSO D/T OF TRANSACTION			@PSDTTRNS
							HL DT/TM OF TRANSACTION	101	0.21	(EARLIEST TASK DATE/TIME)
12	Ordering Provider	95	CN	No	No	Identity of the person who is responsible for creating the request	HL PSO ORDERING PROVIDER	52	0.03	(PROVIDER)
13	Enterer's Location	80	CE	No	No	Location of the person who entered the request. CHCS reference file: DIV, HOS. Required for Rad. Format: Hospital Location ID or IEN\Hospital Location Name\99HOS\Division ID or IEN\Division Name\99DIV	HL LAB REQUESTING LOCATION	101	0.07	(PATIENT LOCATION)
							HL PSO ENTERER'S LOCATION			@PSORLOC

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL RAD ENTERER'S LOCATION	70.5	1.07	(REQ. WARD/CLINIC)	
14	Call Back Phone Number					Not Used	HL RAD ORDER EFFECTIVE DT	70.5	0.07	(ORDER DATE/TIME)

B.1.1.48 ORC Common Order - Radiology

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Control	2	ID	Yes	No	Determines the function of the order segment. Values from HL7 2.2 Table #0119, Order Control Codes and Their meaning. Values for CHCS: Reference Table 4, Order Control Code, in Appendix C.	HL PAS ORDER CONTROL			
							HL ORDER CONTROL			@OREVENT
4	Order Status	2	ID	No	No	Status of an order. Values from HL7 2.2, Table #0038 Reference Table 5, Order Status Code, in Appendix C.	HL PAS ORDER STATUS			
9	Date/Time of Transaction	26	TS	No	No	Date and time the current transaction enters the ordering application. Required for Rad	HL DT/TM OF TRANSACTION	101	0.21	(EARLIEST TASK DATE/TIME)
							HL PAS DATE/TIME OF TRANS			
							HL PSO D/T OF TRANSACTION			@PSDTTRNS
10	Entered By	80	CN	No	No	Identity of the person who actually keyed the request into the application	HL PAS ENTERED BY-ORDER			
							HL PSO ENTERED BY	52	0.08	(LOGGED BY)
							HL ENTERED BY	101	1.01	(USER SIG)
11	Verified By	80	CN	No	No	Identity of the person who verified the accuracy of the entered request	HL VERIFIED BY	101	1.05	(HCP SIG)
							HL PAS VERIFIED BY			
13	Enterer's Location	80	CE	No	No	Location of the person who entered the request. CHCS reference file: DIV, HOS. Required for Rad. Format: Hospital Location ID or IEN\Hospital Location Name\99HOS\Division ID or IEN\Division Name\99DIV	HL LAB REQUESTING LOCATION	101	0.07	(PATIENT LOCATION)
							HL PSO ENTERER'S LOCATION			@PSORLOC

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL RAD ENTERER'S LOCATION	70.5	1.07	(REQ. WARD/CLINIC)	
14	Call Back Phone Number					Not Used	HL RAD ORDER EFFECTIVE DT	70.5	0.07	(ORDER DATE/TIME)
15	Order Effective Date/time	26	TS	No	No	Date/time that the changes to the request took effect or are supposed to take effect. Required for Rad	HL PAS ORDER EFFECTIVE DT/TM			
							HL ORDER EFFECTIVE DT	101	5.03	(START DATE/TIME)
16	Order Control Code Reason	200	ST	No	No	Explanation (either incoded or text form) of the reason for the order event described by the order control code	HL ORDER CODE REASON	101.05	0.05	(COMMENT)

B.1.1.49 PID Patient Identification - DII Instrument

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Patient ID	4	SI	No	No	For those messages that permit segments to repeat, field is used to identify the repetitions	HL DG SET ID - PATIENT ID			PID
3	Patient ID (Internal ID)	60	ST	Yes	No	Primary ID used by the facility to uniquely identify patient at the time of admit <patient ID (NM)>\ \MTF code (ST)>	HL DG PATIENT ID INT - IN			
							HL DG PATIENT ID INTERNAL			
							HL DII INTERNAL PID			
5	Patient Name	48	ST	No	No	TBS	HL DII PATIENT NAME			

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B.1.1.50 PID Patient Identification

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Patient ID	4	SI	No	No	For those messages that permit segments to repeat, field is used to identify the repetitions	HL DG SET ID - PATIENT ID			PID
							HL DG SET ID - PATIENT ID			PID
2	Patient ID (External ID)	16	CK	No	No	If the patient is from another institution, outside office, etc., the identifier used by that institution can be shown here	HL DG PATIENT EXTERNAL ID			
							HL GP SSN PATIENT - OUT			
							HL GP TRANSACTION ID - IN			
							HL GP TRANSACTION ID - OUT			@PID2
							HL GP SSN PATIENT - IN			
3	Patient ID (Internal ID)	60	ST	Yes	No	Primary ID used by the facility to uniquely identify patient at the time of admit <patient ID (NM)>\ \MTF code (ST)>	HL DG PATIENT ID INT - IN			
							HL DG PATIENT ID INTERNAL			
							HL DII INTERNAL PID			
							HL GP PATIENT IDENTIFIER - IN			
							HL GP PATIENT IDENTIFIER - OUT			@PID3
							HL DG ALTERNATE PATIENT	2	8000	(FMP/SSN)
5	Patient Name	48	PN	Yes	No	Name in standard format	HL DG PATIENT NAME	2	0.01	(NAME)
							HL GP PATIENT NAME			
							HL GP PATIENT NAME - IN			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
6	Mother's Maiden Name	30	ST	No	No	Family name under which the mother was born; used to disambiguate patients with the same last name (used only for outbound messages)	HL DG MOTHER'S MAIDEN NAME			
7	Date of Birth	14	TS	Yes	No	Patient's date of birth	HL DG DATE OF BIRTH	2	0.03	(DOB)
							HL GP DATE OF BIRTH - OUT			@PID7
							HL GP DATE OF BIRTH - IN			
8	Sex	1	ID	No	No	Patient's sex. Values for CHCS from DOD Standard Gender Table: F = Female; M = Male	HL MFN PROV SEX	6	0.12	(SEX)
							HL CP CPG STF SEX IN	6	0.12	(SEX)
							HL CP CPG STF SEX	6	0.12	(SEX)
							HL DG GENDER	2	0.02	(SEX)
							HL MFN PROV SEQ-5 - IN			
							HL DG PATIENT ALIAS			
9	Patient Alias	48	PN	No	Yes	Name(s) by which the patient has been known at some time (used only for outbound messages)				
10	Race	1	ID	No	No	Patient's racial classification. CHCS Reference File: Race (File #10). This file derived from DOD Standard File. (used only for outbound messages) See Master File - Race	HL DG RACE	10	1	(CODE)
11	Patient Address	178	AD	No	No	Mailing address of patient	HL DG PATIENT ADDRESS			
12	County Code	4	ID	No	No	Patient's county code (exists in HL7 2.2 for backward compatibility). Values for CHCS:	HL COUNTY CODE			
13	Phone Number - Home	14	TN	No	Yes	Patient's Home Phone Number	HL DG PHONE NUMBER - HOME	2	0.131	(PHONE)
14	Phone Number - Business	18	TN	No	Yes	Patient's Office Phone Number	HL DG PHONE NUMBER-BUS	2	0.132	(OFFICE PHONE)
15	Language - Patient	25	CE	No	No	Patient's primary language. CHCS reference file: Language Identity (File #8146) (used only for outbound messages) <Unique ID> <Text> 99LNG	HL DG LANGUAGE - PATIENT	2	9024	(LANGUAGE)
16	Marital Status	1	ID	No	No	Patient's marital status. CHCS Reference File: Marital Status (File #11). Derived from DoD Standard File. See Master File - Marital Status	HL DG MARITAL STATUS	11	1	(ABBREVIATION)
17	Religion	3	ID	No	No	Patient's religion. CHCS Reference File: Religion (File #13). Derived from DoD Standard File. See Master File - Religion	HL DG RELIGION	13	3	(CODE)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
18	Patient Account Number	20	CK	No	No	Number assigned by accounting to which all charges, payments, etc. are recorded. used to identify the patient's account (used only for outbound messages)	HL DG PATIENT ACCOUNT NUM			
19	SSN Number - Patient	16	ST	No	No	Patient's SSN (when available)	HL DG SSN NUMBER - PATIENT	2	0.17	(PATIENT SSN)
							HL GP TRANSACTION ID - OUT			@PID2
							HL GP TRANSACTION ID - IN			
							HL GP SSN PATIENT - IN			
							HL GP SSN PATIENT - OUT			
20	Driver's Lic Num - Patient	25	CM	No	No	Patient's driver's license number (used only for outbound messages)	HL DG DRIVER'S LIC NUM			
27	Veteran Military Status	60	ST	No	No	Indicates the military status assigned to a veteran. For CHCS: Patient Category Code. CHCS Reference File: Military Grade Rank (File #8104). Derived from DOD Standard File. Format: <Unique ID><text> 99PAT	HL DG PATIENT CATEGORY			

B.1.1.51 PR1 Procedures

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Procedure	4	SI	Yes	No	Unique number used to identify a transaction for the purpose of adding, changing or deleting entries	HL CP ENC PR1 SET ID - PROC			PR1
							HL CP PR1 SET ID - PROC			PR1
							HL CP SCH PR1 SET ID - PROC			PR1
							HL DG PR1 SET ID			PR1
							HL PAS SET ID - PROCEDURE			PR1
2	Procedure coding method	2	ID	Yes	No	Methodology used to assign a code to the procedure. Values for CHCS: C4 = CPT4 (When Encoder Grouper is enabled; I9 = ICD9 (When Encoder Grouper is disabled)	HL CP PR1 PROC CODING METH			C4
							HL PAS PROCEDURE			C4

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL CP ENC PR1 PROC CODING				I9
						HL CP SCH PR1 PROC CODING				C4
						HL DG PR1 CODE METHOD				IC
3	Procedure code	100	CE	Yes	No	Unique identifier assigned to the procedure. CHCS reference file: CPT, ICD	HL CP ENC PR1 PROC CODE			
							HL CP PR1 PROC CODE	8554.08	0.01	(PROCEDURE)
							HL CP SCH PR1 PROC CODE	44.24	0.01	(PROCEDURE)
							HL DG PR1 PROC CODE	2.95	9001.3	(ADMISSION PROCEDURE 1)
							HL DG PR1 PROC CODE 2	2.95	9001.4	(ADMISSION PROCEDURE 2)
							HL PAS PROCEDURE CODE	44.24	0.01	(PROCEDURE)
							HL CP ENC PR1 PROC DESC			
4	Procedure description	40	ST	Yes	No	Text description that describes the procedure (not used for ADT messages)	HL PAS PROCEDURE	8151	2	(DESCRIPTION)
							HL CP PR1 PROC DESC	8151	2	(DESCRIPTION)
							HL CP SCH PR1 PROC DESC	8151	2	(DESCRIPTION)
							HL PAS PROCEDURE DATE/TIME			
5	Procedure date/time	26	TS	No	No	Date/time the procedure was performed (not used for ADT messages)	HL CP ENC PR1 PROC TYPE			
							HL CP PR1 PROC TYPE			R
							HL CP SCH PR1 PROC TYPE			
							HL PROCEDURE TYPE			
7	Procedure Minutes	4	NM	No	No	Length of time in whole minutes that the procedure took to complete (not used for ADT messages)	HL PAS PROCEDURE MINUTES			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
8	Anesthesiologist	60	CN	No	No	Anesthesiologist who administered the anesthesia (not used for ADT messages)	HL PAS ANESTHESIOLOGIST			
9	Anesthesia code	2	ID	No	No	Uniquely identifies the anesthesia used during the procedure. (not used for ADT messages) Values for CHCS:	HL PAS ANESTHESIA CODE			
10	Anesthesia minutes	4	NM	No	No	Length of time in minutes that the anesthesia was administered (not used for ADT messages)	HL PAS ANESTHESIA MINUTES			
11	Surgeon	60	CN	No	No	Surgeon who performed the procedure (not used for ADT messages)	HL PAS SURGEON			
12	Procedure Practitioner	80	CN	No	No	Different types of practitioners associated with this procedure including ID and name components (not used for ADT messages)	HL CP ENC PR1 PROC PRACT	311.05	1	(PROVIDER OF PROCEDURE)
							HL CP PR1 PROC PRACT	8554.08	1	(DUMMY)
							HL CP SCH PR1 PROC PRACT	44.24	1	(PROVIDER)
							HL PAS PROCEDURE	44.24	1	(PROVIDER)
13	Consent Code	1	ID	No	No	Type of consent that was obtained for permission to treat the patient. Values for CHCS: TBS (not used for ADT messages)	HL PAS CONSENT CODE			
14	Procedure Priority	2	NM	No	No	Number which identifies the significance or priority of the procedure code (not used for ADT messages)	HL PAS PROCEDURE PRIORITY			

B.1.1.52 PV1 Patient Visit

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Patient Visit	4	SI	No	No	Number that uniquely identifies this transaction for the purpose of adding, changing or deleting the transaction. For messages that permit segments to repeat, the field is used to identify the repetitions. Not populated for ADT/A28 or ADT/A31 messages.	HL DG SET ID VISIT			PV1
							HL CP PV1 SET ID-PATIENT VISIT			1
							HL PAS SET ID - PATIENT VISIT			PV1
2	Patient Class	1	ID	No	No	Common field used to categorize patients by site. PAS populates this field when a patient is checked in for an appointment. Values for CHCS: I = Inpatient; O = Outpatient	HL DG PATIENT CLASS			@PV102
							HL PAS PATIENT CLASS	44.2	8	(PATIENT STATUS)
							HL CP PV1 PATIENT CLASS	44.2	8	(PATIENT STATUS)
3	Assigned Patient Location	120	ST	No	No	For CHCS: Current Patient Location Format: <Ward ID>&<Ward Name>&99HOS\<Room-Bed>\<MTF Code>	HL DG ASSIGNED LOCATION			@PV103
							HL PAS ASSIGNED PATIENT LOC			
4	Admission Type	2	ID	No	No	Indicates the circumstance under which the patient was or will be admitted. Values for CHCS from DoD Standard Source of Admission Table: See Master File - Source of Admission	HL DG ADMISSION TYPE	2.95	0.02	(TYPE OF ADMISSION)
							HL PAS ADMISSION TYPE			
5	Preadmit Number	20	ST	No	No	Uniquely identifies the patient's pre-admit account	HL DG PREADMIT NUMBER			
							HL PAS PREADMIT NUMBER			
6	Prior Patient Location	12	CM	No	No	Old location is null if the patient is new. If contains the prior patient location is being transferred	HL DG PRIOR LOCATION			
							HL PAS PRIOR PATIENT LOC			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
7	Attending Doctor	60	CN	No	No	ID and name of the Attending Physician	HL DG ATTENDING DOCTOR	2.95	8102	(ATTENDING PHYSICIAN)
							HL PAS ATTENDING DOCTOR			
8	Referring Doctor	60	ST	No	No	ID and name of the Referring Physician. For CHCS: Clinic or Provider (used only for appointments and scheduling)	HL CP PV1 REFERRING DOCTOR	44.2	10	(REFERRED BY)
							HL PAS REFERRING DOCTOR	44.2	10	(REFERRED BY)
9	Consulting Doctor	60	CN	No	No	ID and name of the Consulting Physician (used only for appointments and scheduling)	HL PAS CONSULTING DOCTOR			
10	Hospital Service	40	CM	No	No	The treatment or type of surgery the patient is scheduled to receive. For CHCS: Current Service DoD Standard MEPRS Codes table	HL CP PV1 HOSPITAL SERVICE	44.2	54	(REQUESTING SERVICE)
							HL DG HOSPITAL SERVICE			@PV110
							HL PAS HOSPITAL SERVICE	44.2	54	(REQUESTING SERVICE)
11	Temporary Location	45	ST	No	No	Location, other than the assigned location, required for a temporary period of time. For CHCS: Lab Referral	HL DG TEMPORARY LOCATION			@PV111
							HL PAS TEMPORARY LOCATION			
12	Preadmit Test Indicator	2	ID	No	No	Indicates that the patient must have pre-admission testing done in order to be admitted. (used only for appointments and scheduling) Values for CHCS:	HL PAS PREADMIT			
13	Readmission Indicator	2	ID	No	No	Indicates that a patient is being re-admitted to the facility and the circumstances. Values for CHCS: TBS (used only for appointments and scheduling) R = Re-admission	HL PAS READMISSION			
14	Admit Source	3	ID	No	No	Indicates where the patient was admitted. CHCS Reference File: MEPR Codes (File #8119) See Master File - MEPRS Code	HL PAS ADMIT SOURCE			
15	Ambulatory Status	2	ID	No	No	Ambulatory status of patient. (used only for appointments and scheduling) Values for CHCS:	HL PAS AMBULATORY STATUS			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
16	VIP Indicator	2	ID	No	No	Identifies the type of VIP. (used only for appointments and scheduling) Values for CHCS:	HL PAS VIP INDICATOR			
17	Admitting Doctor	60	CN	No	No	ID and name of the Admitting Physician. CHCS Reference File: Provider (File #6)	HL DG ADMITTING DOCTOR	2.95	8101	(ADMITTING PHYSICIAN)
							HL PAS ADMITTING DOCTOR			
18	Patient Type	2	ID	No	No	Type of patient. Values for CHCS from DoD Standard Patient Category Table. The data sent is the IEN from this file. See Master File - Patient Category	HL PAS PATIENT TYPE			
							HL DG ADMIT SOURCE	2.95	8109	(MEPRS CODE)
							HL DG PATIENT TYPE	2.95	9034	(PATIENT CATEGORY AT ADM)
19	Visit Number	15	NM	No	No	Unique number assigned to visit (inpatient only). For CHCS, use the Register Number and Division Number for Inpatient Visits.	HL PAS VISIT NUMBER			
							HL DG VISIT NUMBER			@PV119
20	Financial Class	50	CM	No	No	Primary financial class assigned to the patient for the purpose of identifying sources of reimbursement Format: <unique ID> <MEPRS Code> 99MEP	HL DG FINANCIAL CLASS			
							HL PAS FINANCIAL CLASS			
21	Charge Price Indicator	2	ID	No	No	Code used to determine which prices schedule is to be used for room and bed charges. (used only for appointments and scheduling) Values for CHCS:	HL PAS CHARGE PRICE			
22	Courtesy Code	2	ID	No	No	Code that indicates whether the patient will be extended certain special courtesies. (used only for appointments and scheduling) Values for CHCS:	HL PAS COURTESY CODE			
23	Credit Rating	2	ID	No	No	Determines past credit experience. (used only for appointments and scheduling) Values for CHCS:	HL PAS CREDIT RATING			
24	Contract Code	2	ID	No	No	Identifies the type of contract entered into the facility and the guarantor for the purpose of settling outstanding account balances. (used only for appointments and scheduling) Values for CHCS:	HL PAS CONTRACT CODE			
25	Contract Effective Date	8	DT	No	No	Date the contract is to start (used only for appointments and scheduling)	HL PAS CONTRACT EFFECTIVE DT			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
26	Contract Amount	12	NM	No	No	Amount to be paid by the guarantor each period as per the contract (used only for appointments and scheduling)	HL PAS CONTRACT AMOUNT			
27	Contract Period	3	NM	No	No	Specifies the duration of the contract (used only for appointments and scheduling)	HL PAS CONTRACT PERIOD			
28	Interest Code	2	ID	No	No	Indicates the amount of interest that will be charged the guarantor on any outstanding amounts. (used only for appointments and scheduling) Values for CHCS:	HL PAS INTEREST CODE			
29	Transfer to Bad Debt Code	1	ID	No	No	Indicates the account was transferred to bad debts and the reason. (used only for appointments and scheduling) Values for CHCS:	HL PAS TRANS TO BAD DEBT			
30	Transfer to Bad Debt Date	8	DT	No	No	Date that the account was transferred to a bad debt status (used only for appointments and scheduling)	HL PAS TRANS TO BAD DEBT			
31	Bad Debt Agency Code	10	ID	No	No	Uniquely identifies the bad debt agency that the account was transferred to. (used only for appointments and scheduling) Values for CHCS:	HL PAS BAD DEBT AGENCY			
32	Bad Debt Transfer Amount	12	NM	No	No	Amount that was transferred to a bad debt status (used only for appointments and scheduling)	HL PAS BAD DEBT TRANS			
33	Bad Debt Recovery Amount	12	NM	No	No	Amount recovered from the guarantor on the account (used only for appointments and scheduling)	HL PAS BAD DEBT RECOVERY			
34	Delete Account Indicator	1	ID	No	No	Indicates that the account was deleted from the file and the reason. (used only for appointments and scheduling) Values for CHCS:	HL PAS DELETE ACCOUNT IND			
35	Delete Account Date	8	DT	No	No	Date that the account was deleted from the file (used only for appointments and scheduling)	HL PAS DELETE ACCOUNT DATE			
36	Discharge Disposition	3	ID	No	No	Disposition of the patient at time of discharge. (used for appointment, scheduling and ADT messages) CHCS Reference File: Discharge Type (File #42.2) See Master File - Discharge Type	HL PAS DISCHARGE DISPOSITION			
							HL DG DISCHARGE DISP	2.95	1.02	(TYPE OF DISPOSITION)
37	Discharged to Location	25	CM	No	No	Indicates a facility to which the patient was discharged. For CHCS: For transfer type dispositions, this is the code of the Transfer To location (used for appointment, scheduling and ADT messages) Format: <Ward ID>&<Ward Name>&99HOS\<Room-Bed>\<MTF Co	HL DISCHARGE LOCATION			
							HL PAS DISCHARGE TO			
38	Diet Type	2	ID	No	No	Indicates a special diet type for a patient. (used only for appointment and scheduling) Values for CHCS:	HL PAS DIET TYPE			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
39	Servicing Facility	2	ID	No	No	Used in a multiple facility environment to indicate the facility with which this visit is associated(used only for appointment and scheduling)	HL PAS SERVICING FACILITY			
40	Bed Status	1	ID	No	No	Status of bed. Values for CHCS: TBS (used only for appointment and scheduling) C = Closed; H = Housekeeping; K = Contaminated; O = Occupied; U = Unoccupied	HL PAS BED STATUS			
41	Account Status	2	ID	No	No	Indicates status of patient account. (used only for appointment and scheduling) Values for CHCS:	HL PAS ACCOUNT STATUS			
42	Pending Location	12	CM	No	No	Indicates the nursing station, room, bed, facility ID and bed status to which the patient may be moved(used only for appointment and scheduling)	HL PAS PENDING LOCATION			
43	Prior Temporary Location	12	CM	No	No	Can be used when a patient is arriving or departing or for general update events(used only for appointment and scheduling)	HL PAS PRIOR TEMPORARY LOC			
44	Admit Date/Time	26	TS	No	No	Date/Time of Admission (used for appointment, scheduling and ADT messages)	HL PAS ADMIT DATE/TIME			
							HL DG ADMIT DATE/TIME	2.95	0.01	(ADMISSION DATE)
45	Discharge Date/Time	26	TS	No	No	Date/Time of Disposition(used only for appointment and scheduling)	HL DG DISCHARGE DATE/TIME	2.95	1.01	(DISPOSITION DATE)
							HL PAS DISCHARGE DATE/TIME			
46	Current Patient Balance	12	NM	No	No	Balance due for visit (used only for appointment and scheduling messages)	HL PAS CURRENT PATIENT BAL			
47	Total Charges	12	NM	No	No	Total visit charges (used only for appointment and scheduling messages)	HL PAS TOTAL CHARGES			
48	Total Adjustments	12	NM	No	No	Total adjustments for visit (used only for appointment and scheduling messages)	HL PAS TOTAL ADJUSTMENTS			
49	Total Payments	12	NM	No	No	Total payments for visit (used only for appointment and scheduling messages)	HL PAS TOTAL PAYMENTS			
50	Alternate Visit ID	20	CM	No	No	Optional visit ID number to be used if needed (used only for appointment and scheduling messages)	HL PAS ALTERNATE VISIT ID			

B.1.1.53 PVI Patient Visit - DII Instrument

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Patient Visit	4	SI	No	No	Number that uniquely identifies this transaction for the purpose of adding, changing or deleting the transaction. For messages that permit segments to repeat, the field is used to identify the repetitions. Not populated for ADT/A28 or ADT/A31 messages.	HL CP PV1 SET ID-PATIENT VISIT			1
							HL DG SET ID VISIT			PV1
							HL PAS SET ID - PATIENT VISIT			PV1
3	Assigned Patient Location	12	CM	No	No	TBS	HL DII INPATIENT LOCATION			@PATLOC

B.1.1.54 PV2 Patient Visit - Additional Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Prior Pending Location	12	CM	No	No	Required for Event Code = A27 messages (used only for appointment and scheduling messages)	HL PAS PRIOR PENDING			
2	Accommodation Code	60	CE	No	No	Specific patient accommodations for this visit. CHCS reference file: TBS (used only for appointment and scheduling messages)	HL PAS ACCOMMODATION CODE			
3	Admit Reason	60	CE	No	No	Patient admission reason. CHCS reference file: TBS (used only for appointment and scheduling messages)	HL PAS ADMIT REASON			
4	Transfer Reason	60	CE	No	No	Patient location change reason. CHCS reference file: TBS (used only for appointment and scheduling messages)	HL PAS TRANSFER REASON			
5	Patient Valuables	25	ST	No	No	Short description of patient valuables checked in during admission (used only for appointment and scheduling messages)	HL PAS PATIENT VALUABLES			
6	Patient Valuables Location	25	ST	No	No	Indicates the location of the patient's valuables (used only for appointment and scheduling messages)	HL PAS PATIENT VALUABLES			
7	Visit User Code	15	NM	No	No	Further indicates a patient's visit with respect to an individual institution's needs. For CHCS: If any value present, it indicates that the appointment is booked off the Wait List.	HL PAS VISIT USER CODE	44.2	33	(WAIT LIST #)
							HL CP PV2 VISIT USER CODE	44.2	33	(WAIT LIST #)
8	Expected Admit Date	8	DT	No	No	Date patient expected to be admitted (used only for appointment and scheduling messages)	HL PAS EXPECTED ADMIT DATE			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
9	Expected Discharge Date	8	DT	No	No	Non-even related date used by ancillaries to more accurately determine projected workloads (used only for appointment and scheduling messages)	HL PAS EXPECTED DISCHARGE			

B.1.1.55 QAK Query Acknowledgement

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Query Tag	32	ST	Yes	No	Unique Query ID from originating system.	HL QUERY TAG			@INQTAG
2	Query Response Status	2	ID	Yes	No	Allws the responding system to return a precise response status. Values for CHCS:	HL QUERY RESPONSE STATUS			@INQRSTAT

B.1.1.56 QRD Query Definition

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Query Date/Time	26	DT	No	No	Date/Time that the query was sent	HL ORPW QUERY DATE/TIME			@QRD1
							HL QUERY DATE/TIME			@INQDTM
							HL GP QUERY DATE/TIME - OUT			@QRD1
							HL QUERY DATE/TIME			@INQDTM
							HL GP QUERY DATE/TIME - IN			
2	Query Format Code	1	ID	No	No	Format of query. Values for CHCS: D = Response is in display format; R = Response is in record-oriented format	HL ORPW QUERY FORMAT CODE			
							HL ORPW QUERY FORMAT CODE			
							HL QUERY FORMAT CODE			R
							HL ORPW QUERY FORMAT CODE			@QRD2
3	Query Priority	1	ID	Yes	No	Specifies time frame in which response is needed. HL7 2.3 Reference Table 0091. For CHCS, value is always I = Immediate D = Deferred; I = Immediate	HL QUERY PRIORITY			@INQPRI
							HL ORPW QUERY PRIORITY			
							HL ORPW QUERY PRIORITY OUT			@QRD3

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL ORPW QUERY PRIORITY			
4	Query ID	10	ST	No	No	Unique Identifier for the Query. Assigned by the querying application	HL ORPW QUERY ID OUT			@QRD4
							HL ORPW QUERY ID			
							HL ORPW QUERY ID			
							HL ORPW QUERY ID OUT			@QRD4
7	Quantity Limited Request	10	CQ	No	No	Maximum length of the response that can be accepted by the requesting system (CIW)	HL GP QUANTITY REQUEST - IN			
							HL GP QUANTITY REQUEST - IN			
							HL GP QUANTITY REQUEST - OUT			@QRD7
							HL ORPW QUANTITY LIMITED			
							HL ORPW QUANTITY LIMITED			@QRD7
							HL QUERY QTY LIMITED REQ			
							HL QUERY QTY LIMITED REQ			
							HL ORPW QUANTITY LIMITED			@QRD7
							HL GP QUANTITY REQUEST - OUT			@QRD7
							HL ORPW QUANTITY LIMITED			
8	Who Subject Filter	60	CN	Yes	No	Identifies the subject, or who the inquiry is about	HL GP WHO SUBJECT - OUT			@QRD8
							HL QUERY WHO SUBJECT FILTER			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL ORPW QUERY WHO OUT			@QRD8
							HL QUERY WHO			@INQWHO
9	What Subject Filter	60	CN	Yes	No	Describes the kind of information that is required to satisfy the request. Valid values define the type of transaction inquiry; may be extended locally during implementation. HL7 2.3 Reference Table 0048	HL GP WHAT SUBJECT - OUT			@QRD9
							HL QUERY WHAT SUBJECT			@INQWHAT
10	What Department Data Code	20	ST	No	No	Possible contents include test number, procedure number, drug code, item number, order number, etc. Contents of this field are determined by the previous field	HL ORPW WHAT DEPT DATA			@QRD10
							HL ORPW WHAT DEPT DATA			
							HL GP WHAT DEPT - OUT			@QRD10
11	What Data Code Value Qualifier	20	ST	No	No	Field contains start/stop	HL ORPW WHAT DATA CODE			@QRD11
							HL WHAT DATA CODE VALUE			
12	Query Results Level					Not Used	HL QUERY RESULTS LEVEL			T
							HL QUERY RESULTS LEVEL			T

B.1.1.57 QRF Query Filters

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Where Subject Filter	20	ST	No	No	Identifies the Clinic or Ward to which the query pertains	HL ORPW WHERE SUBJECT			
							HL ORPW WHERE SUBJECT			@QRF1
2	When Data Start Date/Time	26	TS	No	No	Data representing dates/times equal or after this value should be included. For CHCS: HL7 Date (no time); optional for CLIMT	HL ORPW WHEN DATA START			
							HL ORPW WHEN DATA START			@QRF2
3	When Data End Date/Time	26	TS	No	No	Data representing dates/times the same as or before this date should be included. For CHCS: HL7 Date (no time); optional for CLIMT	HL ORPW WHEN DATA END			
							HL ORPW WHEN DATA END			@QRF3

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
4	What User Qualifier	20	ST	No	No	Identifier to further define characteristics of the data of interest. For CHCS: What Healthcare Provider; MD requesting a list of patients with appointments at the MD's clinic	HL ORPW WHAT USER			
							HL WHAT USER QUALIFIER OUT			@QRF4
5	Other QRY Subject Filter	20	ST	No	No	Locally-defined filter for use between two systems. For CHCS: Uses codes from Physician's Desktop: CLIMT,CLIM,CLIP,CLIN, and WARD. Defines the source of patients to be returned, FILE requires QRD8.	HL ORPW OTH QRY SUBJ FILTER			@QRF5
							HL ORPW OTH QRY SUBJECT			

B.1.1.58 RXC Pharmacy Component Order

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	RX Component Type	1	ID	No	No	Type of component. Values for CHCS: A = Additive; B = Base	HL OR ADDITIVE COMPONENT			A
							HL OR BASE COMPONENT TYPE			B
2	Component Code	200	CE	Yes	No	Drug or solution. CHCS reference file: NDC	HL OR IVH ADDITIVE	101.041	0.01	(ADDITIVE)
							HL OR IVH BASE COMPONENT	101.04	0.01	(SOLUTION)
							HL OR IVF BASE COMPONENT	101	122.05	(IVF SOLUTION)
							HL OR IVD IVP BASE	101	124.05	(IVM SOLUTION)
							HL OR IVD IVP ADDITIVE COMP	101	124.07	(IVM DRUG)
							HL OR IVF ADDITIVE	101	122.07	(IVF ADDITIVE)
3	Component Amount	20	NM	No	No	Amount of this component to be added to the specified amount of the base	HL OR IVH BASE COMP AMT	101.04	0.02	(VOLUME)
							HL OR IVD ADDITIVE COMP AMT	101	124.08	(IVM AMOUNT)
							HL OR IVP ADDITIVE COMP AMT	101	124.04	(IVM CALCULATION)
							HL OR IVH ADDITIVE COMP AMT	101.041	0.02	(AMOUNT)
							HL OR IVF BASE COMP AMT	101	122.06	(IVF VOLUME)
							HL OR IVF ADDITIVE COMP AMT	101	122.08	(IVF AMOUNT)
							HL OR IVD IVP BASE COMP AMT	101	124.06	(IVM VOLUME)
4	Component Units	20	ST	No	No	Units for the component amount	HL OR IVD ADDITIVE COMP	101	124.09	(IVM UNIT)
							HL OR IVF ADDITIVE COMP UNITS	101	122.09	(IVF UNIT)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL OR IVH ADDITIVE COMP	101.041	0.03	(UNIT)
							HL OR IVP ADDITIVE COMP UNITS	101	124.04	(IVM CALCULATION)
							HL OR BASE COMPONENT UNITS			ML

B.1.1.59 RXD Pharmacy Dispense

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Dispense Sub-ID Counter	4	NM	No	No	Fill Number. Starts with one the first time that medication is dispensed for this order. Increments by one with each additional issuance of medication	HL PSO DISPENSE SUB-ID			@PSFILLNO

B.1.1.60 RXE Pharmacy Encoded Order

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
10	Dispense Amount	20	NM	No	No	Amount dispensed as encoded by the pharmacy	HL PSO DISPENSE AMOUNT			@PSFDQTY
11	Dispense Units	60	ST	No	No	Units for the dispense amount as encoded by the pharmacy. This must be in simple units that reflect the actual quantity of the substance dispensed	HL PSO REQUESTED DISP UNITS			@PSDISUNT
14	Pharmacist Verifier ID					Not Used	HL PSO PRESCRIPTION NUMBER	52	0.01	(RX #)
15	Prescription Number	20	ST	No	No	Prescription Number assigned by the pharmacy application	HL PSO NO OF REFILLS	52	0.12	(REFILLS REMAINING)
18	D/T of Most Recent Refill or Dose Dispensed	26	TS	No	No	Date/time of the most recent refill or dose dispensed. For CHCS: For trigger event 1=Date/Time of Transaction (ORC-9). For all others, label print time.	HL PSO DT OF MOST REC REFILL			@PSDTMREF

B.1.1.61 RXO Pharmacy Prescription Order - Unit Dose or IV

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Requested Give Code	200	ST	No	No	Identifier of the medical substance ordered to be given to the patient; Drug Name	HL OR REQ GIVE CODE IV			@ORRGCODE
							HL OR REQ GIVE CODE UNIT	101	120.01	(MEDICATION)
							HL PSO REQUESTED GIVE CODE			@PSRQGVCD
2	Requested Give Amount - Minimum	20	NM	No	No	Ordered Amount. In a variable dose order, this is the minimum ordered amount. In a nonvarying dose order, this is the exact amount of the order.	HL ORPW REQ GIVE AMT (MIN)			
							HL ORPW OUT REQ GIVE AMT			@ORRGAMT
							HL OR REQUESTED GIVE			@ORRGAMT
4	Requested Give Units	60	ST	No	No	Units for the give amount	HL OR REQUESTED GIVE UNITS			@ORRGUNIT
							HL ORPW OUT REQ GIVE UNITS			@ORRGUNIT
							HL ORPW REQUESTED GIVE			
5	Requested Dosage Form	60	CE	No	No	Used when RXO-1 and RXO-10 do not specify the drug form. CHCS reference file: PSF	HL OR REQUESTED GIVE FORM	51.6	0.01	(NAME)
8	Deliver to Location	120	CM	No	No	Inpatient or outpatient location to which the pharmacy is to deliver the drug. Null value is the current census location for the patient. Format: <Ward ID>&<Ward Name>&99HOS<Room-Bed><MTFCode>	HL OR DELIVER TO LOCATION	101	0.22	(WARD LOCATION)
15	Pharmacist Verifier ID					Not Used	HL PSO PRESCRIPTION NUMBER	52	0.01	(RX #)
17	Requested Give Per (Time Unit)	20	ST	No	No	Time unit used to calculate the rate at which the pharmaceutical is to be administered	HL OR REQUESTED GIVE PER			@ORRGPTM

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B.1.1.62 RXO Pharmacy Prescription/IVP Order

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Requested Give Code	200	CE	No	No	Medical substance ordered to be given to the patient. CHCS reference file: PSD	HL ORPW REQUESTED GIVE			
							HL ORPW OUT REQ GIVE CODE			@ORRGCODE
2	Requested Give Amount - Minimum	20	NM	No	No	Ordered Amount. In a variable dose order, this is the minimum ordered amount. In a nonvarying dose order, this is the exact amount of the order.	HL ORPW REQ GIVE AMT (MIN)			
							HL ORPW OUT REQ GIVE AMT			@ORRGAMT
							HL OR REQUESTED GIVE			@ORRGAMT
4	Requested Give Units	60	ST	No	No	Units for the give amount	HL OR REQUESTED GIVE UNITS			@ORRGUNIT
							HL ORPW OUT REQ GIVE UNITS			@ORRGUNIT
							HL ORPW REQUESTED GIVE			
6	Provider's Pharmacy Instructions	200	ST	No	No	Ordering provider's instructions to the pharmacy	HL ORPW OUT PROV PHARM			@ORSIG
							HL ORPW PROVIDER'S PHARM			
7	Provider's Administration Instructions	350	ST	No	No	Ordering provider's instructions to the patient or to the provider administering the drug	HL ORPW OUT PROV ADMIN			@OREXSIG
							HL ORPW PROVIDERS ADMIN			
							HL PSO PROVIDER'S ADM INST			@PSHCPSIG
11	Requested Dispense Amount	20	NM	No	No	Amount to be dispensed	HL ORPW IN REQ DISP AMT			
							HL ORPW OUT REQ DISP AMT			@ORDISAMT

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL PSO REQUESTED DISPENSE	52	0.05	(QTY)
12	Requested Dispense Units	60	ST	No	No	Units for the dispense amount (response message only)	HL ORPW OUT REQ DISPENSE			@ORDISUNT
13	Number of Refills	3	NM	No	No	Number of refills. Outpatient only	HL ORPW OUT NUM OF REFILLS			@ORRF
							HL PSO NUMBER OF REFILLS	52	0.07	(REFILLS)
							HL ORPW NUMBER REFILLS			
16	Needs Human Review	1	ID	No	No	Indicates presence of warnings and need for human review. Values for CHCS: 1 = Valid Drug (no warning is present) - response to pre-verification request	HL ORPW HUMAN REVIEW			
							HL ORPW OUT HUMAN REVIEW			@ORVALDRG

B.1.1.63 RXR Pharmacy Route

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Route	60	CE	No	No	Route of administration. CHCS reference file: PSR	HL OR ROUTE	51.5	0.01	(NAME)
2	Site	0	NA	No	No	Not used	HL ORPW IN ROUTE			
4	Administration Method	60	ST	No	No	Administration method identifies the specific method requested for the administration of the drug to the patient (used for query/response messages only)	HL IN ADMINISTRATIO N METHOD			
							HL OUT ADMINISTRATIO N			@ORADMETH

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B.1.1.64 SCH Schedule Activity Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Placer Schedule Request ID	22	CM	Yes	No	Placer application's permanent identifier for the appointment request (and the appointment itself, when it has been confirmed by the filler application) (used only for appointment & scheduling messages)	HL PAS PLACER SCHEDULE REQ			
2	Filler Schedule Request ID	22	CM	No	No	Filler application's permanent identifier for the appointment request (and the appointment itself, when it has been confirmed by the filler application). For CHCS: Unique ID of Appointment	HL PAS FILLER SCHEDULE REQ ID	44.2	0.001	(NUMBER)
							HL CP SCH FILLER SCHED REQ ID	44.2	0.001	(NUMBER)
3	Placer Group Number	22	CM	Yes	No	This field allows a placer application to group sets of appointments together, and subsequently to identify the group. (used only for appointment & scheduling messages) Format: IEN of Page ID	HL PAS PLACER GROUP NUMBER			
4	Event Reason	200	CE	Yes	No	Reason the notification event was triggered. CHCS reference file: TBS (used only for appointment & scheduling messages)	HL PAS EVENT REASON	44.2	6	(APPOINTMENT TYPE)
5	Appointment Reason	75	ST	No	No	Identifier code for the appointment reason.	HL CP SCH APPT REASON	44.2	12	(REASON FOR APPOINTMENT)
							HL PAS APPOINTMENT REASON	44.2	12	(REASON FOR APPOINTMENT)
6	Appointment Duration	20	NM	No	No	Amount of time requested and allotted for the appointment. For repeating appointments, describes the duration of one instance of the appointment. Null field defaults to the institution's standard duration for the type of appointment requested	HL CP SCH APPT DURATION	44.2	5	(DURATION)
							HL PAS APPOINTMENT			
7	Start Date/Time	26	TS	Yes	No	Date/time when the appointment will begin	HL CP SCH START DATE/TIME	44.2	1	(APPOINTMENT DATE/TIME)
							HL PAS START DATE/TIME	44.2	1	(APPOINTMENT DATE/TIME)
8	Placer Contact Person	5	ST	No	No	TBS (used only for appointment & scheduling messages)	HL PAS PRIORITY			
9	Placer Contact Phone Number	100	CM	No	No	TBS (used only for appointment & scheduling messages)	HL PAS REPEATING INTERVAL			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
10	Placer Contact Address	5	ST	No	No	TBS (used only for appointment & scheduling messages)	HL PAS REPEATING INTERVAL			
11	Placer Contact Location	70	CE	No	No	Location for the appointment. CHCS reference files: DIV, HOS	HL CP SCH PLACER CONTACT			
							HL PAS LOCATION	44.2	2	(CLINIC)
12	Filler Contact Person	15	ID	No	No	TBS. (used only for appointment & scheduling messages) Values for CHCS:	HL PAS DEPARTMENT			
13	Filler Contact Phone Number	48	CN	No	No	TBS (used only for appointment & scheduling messages)	HL PAS PLACER CONTACT			
14	Filler Contact Address	40	TN	No	No	TBS (used only for appointment & scheduling messages)	HL PAS PLACER CONTACT			
15	Filler Contact Location	106	AD	No	No	TBS (used only for appointment & scheduling messages)	HL PAS PLACER CONTACT			
16	Parent Placer Schedule Request Number	38	CN	Yes	No	TBS (used only for appointment & scheduling messages)	HL PAS FILLER CONTACT			
17	Parent Filler Schedule Request Number	40	TN	No	No	TBS (used only for appointment & scheduling messages)	HL PAS FILLER CONTACT PHONE			
18	Filler Contact Address	106	AD	No	No	TBS (used only for appointment & scheduling messages)	HL PAS FILLER CONTACT			
19	Parent Placer Schedule Request Number	22	CM	No	No	TBS (used only for appointment & scheduling messages)	HL PAS PARENT PLACER REQ			
20	Parent Filler Schedule Request Number	22	CM	No	No	TBS (used only for appointment & scheduling messages)	HL PAS PARENT FILLER REQ			

B.1.1.65 STF Staff Identification

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	STF - primary key value	60	CN	Yes	No	Provider Primary Key. Must match MFE-4 Primary Key value	HL MFN PROV NAME	6	0.001	(NUMBER)
							HL CP CPG STF PRIMARY KEY	8551	0.01	(MCP PROVIDER NAME)
							HL MFN PROV NAME - IN	6	0.01	(NAME)
							HL CP CPG STF PRIMARY KEY IN	8550.03	0.01	(PROVIDER)
							HL CP MFN PROV NAME			
2	Staff ID Code	60	ST	Yes	No	Code used to uniquely identify the Provider	HL CP CPG STF ID CODE	6	7	(PROVIDER ID)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL CP CPG STF ID CODE IN			
							HL CP MFN PROV STAFF ID IN			
							HL MFN PROV SEQ 2 - IN			
							HL MFN PROV STAFF ID CODE	6	7	(PROVIDER ID)
3	Staff	48	PN	No	No	Provider's name	HL CP CPG STF STAFF	8551	0.01	(MCP PROVIDER NAME)
							HL MFN PROV STAFF	6	0.01	(NAME)
							HL CP CPG STF STAFF IN	6	0.01	(NAME)
							HL MFN PROV SEQ 3 - IN			
4	Staff Type	2	ID	No	No	Code identifying the type of staff. If Provider Class is equal to 2,3,4 or 99, the provider has ordering privilege.. Values for CHCS: PCL	HL CP CPG STF TYPE	7	8000	(SIGNATURE CLASS)
							HL CP CPG STF TYPE IN	7	8000	(SIGNATURE CLASS)
							HL MFN PROV SEQ-4 - IN			
							HL MFN PROV STAFF TYPE	7	8000	(SIGNATURE CLASS)
5	Sex	1	ID	No	No	Patient's sex. Values for CHCS from DOD Standard Gender Table: F = Female; M = Male	HL MFN PROV SEQ-5 - IN			
							HL DG GENDER	2	0.02	(SEX)
							HL CP CPG STF SEX IN	6	0.12	(SEX)
							HL CP CPG STF SEX	6	0.12	(SEX)
							HL MFN PROV SEX	6	0.12	(SEX)
6	Date of Birth	8	DT	No	No	Provider's DOB	HL CP CPG STF DATE OF BIRTH	6	0.21	(DOB)
							HL CP CPG STF DOB IN	6	0.21	(DOB)
							HL MFN PROV DATE OF BIRTH	6	0.21	(DOB)
							HL MFN PROV SEQ-6 - IN			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
7	Active/Inactive	1	ID	No	No	Indicates whether the person is currently a valid staff member. Values for CHCS: A = Active (Staff member of MTF); I = Inactive (Not a staff member of MTF)	HL CP CPG STF ACTIVE/INACTIVE			@PROVSTAT
							HL MFN PROV SEQ-7 - IN			
							HL CP MFN PROV ACTIVE IN			
							HL CP CPG STF ACT/INACT IN			
							HL MFN PROV ACTIVE			@PROVSTAT
10	Phone	40	ST	No	No	Repeating field with a component indicating type of each phone number (e.g., home, office, fax, beeper) Required for inbound messages only and repeats for outbound messages only.	HL CP CPG STF PHONE IN	6	0.132	(DUTY PHONE 2)
							HL CP CPG STF PHONE	6	0.131	(DUTY PHONE 1)
							HL CP MFN PROV PHONE IN			
							HL MFN PROV PHONE			@PROVPHON
							HL MFN PROV SEQ-10 - IN			
11	Office/Home Address	400	ST	No	No	Repeating field containing provider's office and home addresses. Required for inbound messages only and repeats for outbound messages only.	HL CP MFN PROV ADDRESS IN			
							HL MFN PROV ADDRESS			@PROVADDR
							HL CP CPG STF OFF/HOME	6	0.8001	(OFFICE STREET ADDRESS 1)
							HL CP CPG STF OFF/HOME ADD			
							HL MFN PROV SEQ-11 - IN			
13	Inactivation Date	8	DT	No	No	Date when staff member became inactive, if Person/Provider is no longer a staff member of MTF. The date when a person or provider is terminated as a staff member of the MTF	HL CP CPG STF INACT DATE	6	12.1	(TERMINATION DATE)
							HL CP CPG STF INACT DATE IN	6	12.1	(TERMINATION DATE)
							HL MFN PROV SEQ-13 - IN			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL MFN PROV INACTIVATION	6	12.1	(TERMINATION DATE)
15	E-mail Address	90	ST	No	No	Separate field for contacting staff member. For CHCS: CHCS Mail Address	HL CP CPG STF E-MAIL ADDRESS			@MAILNAME
							HL MFN PROV SEQ-15 - IN			
							HL CP MFN PROV EMAIL NAME			
							HL CP CPG STF E-MAIL ADD IN			
							HL MFN PROV EMAIL NAME			@MAILNAME

B.1.2 Version 2.2 Custom Segments

B.1.2.1 ZIL INH Remote Access

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	TBS	10	ID	Yes	No	TBS. Values for CHCS: TBS	HL INH ACTION - IN			
							HL INH ACTION - OUT			@ZIL1
2	TBS	120	ST	Yes	No	TBS (inbound message only)	HL INH REMOTE ADDRESS - IN			
3	TBS	15	ST	Yes	No	TBS (inbound message only)	HL INH PORT - IN			
4	TBS	80	CN	Yes	No	TBS (outbound message only)	HL INH USER - OUT			@ZIL4
5	TBS	80	CN	Yes	No	TBS (outbound message only)	HL INH PROVIDER - OUT			@ZIL5
6	TBS	5	NM	Yes	No	TBS (outbound message only)	HL INH TIMEOUT - OUT			@ZIL6
7	TBS	60	CE	Yes	No	TBS (inbound message only)	HL INH REQUEST DIVISION - IN			
8	TBS	30	ST	Yes	No	TBS (inbound message only)	HL INH LEVEL 1 - IN			
9	TBS	30	ST	Yes	No	TBS (inbound message only)	HL INH LEVEL 2 - IN			
10	TBS	30	ST	Yes	No	TBS (outbound message only)	HL INH LEVEL 3 - OUT			@ZIL10
11	TBS	30	ST	No	No	TBS (inbound message only)	HL INH LEVEL 4 - IN			

B.1.2.2 ZLI CPT Workload

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - CPT Workload Data	4	SI	Yes	No	1 - 9999	HL SET ID - ZL1			ZL1
2	Observation Identifier	0	AD	No	No	(used only for Rad messages)	HL RAD CPT PROCEDURE			@RADPRC
3	CPT Code	120	ST	Yes	No	CPT Code <CPT Code (ST)> \ <CPT code description (ST)> \ C4	HL LAB CPT CODE			@CPTCODE
							HL RAD CPT CODE			@NULL
4	CPT Modifier	2	ST	No	No	CPT Modifier	HL LAB CPT MODIFIER	8151.02	0.01	(MODIFIER)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL RAD CPT MODIFIER			@CPTMOD
5	CPT Code Status	2	ID	Yes	No	Action to take for associated CPT code AD = Add CPT Code; RM = Remove CPT Code	HL RAD CPT STATUS			@CPTSTAT
							HL LAB CPT STATUS	8151.01	2	(ACTIVE/INACTIVE STATUS)
6	Effective Date/Time	26	TS	No	No	Date/Time added or removed	HL LAB CPT ADD/REM DATE			@CPTDATE
							HL RAD RESULT DATE			@CPTDATE
7	Lab Collection Date/Time	26	TS	No	No	Collection Date/Time	HL LAB CPT COLLECTION DT/TM			@LRDATE

B.1.2.3 ZL2 *Instrument Start/Stop*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - DII Instruments	4	SI	No	No	Sequence Number (1-9999). Required for inbound messages only.	HL SET ID - ZLE			ZLE
							HL SET ID - ZL2 IN			
							HL SET ID - ZL2 OUT			
							HL SET ID - ZL3			
2	Date/Time - Status	26	TS	No	No	Date/time of Request or Date/time of status. Required for inbound messages only.	HL LA DII STATUS DATE/TIME			@DATETIME
							HL LA DII STATUS DATE/TIME IN			
3	Instrument Name	60	ST	No	No	Instrument Name. Required for inbound messages only.	HL LA DII INST NAME IN			
							HL LA DII INST NAME OUT			@INSTNAME
4	Start/Stop Flag	1	ID	No	No	Required for inbound messages only. 0 = Stop; 1 = Start	HL LA DII START/STOP FLAG IN			
							HL LA DII START/STOP FLAG OUT			@ACTION

B.1.2.4 ZL3 *Error Code Update*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - DII Instruments	4	SI	No	No	Sequence Number (1-9999). Required for inbound messages only.	HL SET ID - ZL3			
							HL SET ID - ZLE			ZLE
							HL SET ID - ZL2 OUT			
							HL SET ID - ZL2 IN			
2	DII Standard Instrument Name	30	ST	Yes	No	Standard Name DII uses to identify this instrument. CHCS Reference File: 8736	HL LA DII STD INST NAME	8736	0.01	
3	Delete Flag	1	ID	Yes	No	Flag to indicate that error code is to be deleted from all relevant files: 0 = add/update this error code to the files; 1 = delete this error code from the files	HL LA DII ERROR DELETE FLAG			
4	Error Code - DII Instruments	30	ST	Yes	No	Error Code String received from DII. Can repeat on incoming results messages.	HL LA DII INST ERROR CODE	8736.01	0.01	
5	Error Text - DII Instruments	245	ST	Yes	No	Error Text (English translation of error code) received from DII. Can repeat on incoming results messages.	HL LA DII INST ERROR TEXT	8736.01	0.02	

B.1.2.5 ZLE *Instrument/Test Error*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - DII Instruments	4	SI	No	No	Sequence Number (1-9999). Required for inbound messages only.	HL SET ID - ZL2 IN			
							HL SET ID - ZL2 OUT			
							HL SET ID - ZL3			
							HL SET ID - ZLE			ZLE
2	Error Code - DII Instruments	30	ST	Yes	No	Error Code String received from DII. Can repeat on incoming results messages.	HL LA DII INST ERROR CODE	8736.01	0.01	
3	Error Text - DII Instruments	245	ST	Yes	No	Error Text (English translation of error code) received from DII. Can repeat on incoming results messages.	HL LA DII INST ERROR TEXT	8736.01	0.02	

B.1.2.6 ZM1 *Rad Procedure Master File*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	60	CE	No	No	Radiology Procedure or Treatment. CHCS reference file: RPR	HL MFN RAD PROC NAME	71	0.01	(NAME)
2	Code	5	ST	No	No	Procedure Code	HL MFN RAD PROC CODE	71	2	(CODE)

B.1.2.7 ZM3 *Medical Center Division Master File*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	30	ST	Yes	No	Name of Medical Center Division	HL MFN DIV NAME	40.8	0.01	(NAME)
							HL MFN DIV NAME - IN	40.8	0.01	(NAME)
2	Abbreviation	7	ST	Yes	No	Short Name for the Division	HL MFN DIV ABBREVIATION	40.8	2	(ABBREVIATION)
							HL MFN DIV SEQ-2 - IN			
3	DMIS ID Code	4	ST	Yes	No	The Unique Defense Medical Identification	HL MFN DIV SEQ-3 - IN			
							HL MFN DIV DMIS ID CODE	40.8	5	(DMIS ID CODE)
4	Branch of Service	45	ST	No	No	Name of Government or Military Service	HL MFN DIV BRANCH OF SERVICE	40.8	7	(BRANCH OF SERVICE)
							HL MFN DIV SEQ-4 - IN			
5	Inpatient Facility	1	ID	No	No	Indicates whether facility is in-patient or out-patient. Values for CHCS: Y = Yes; N = No	HL MFN DIV INPATIENT FACILITY	40.8	8100	(INPATIENT FACILITY?)
							HL MFN DIV SEQ-5 - IN			
6	Facility Number	60	CE	Yes	No	TBS	HL MFN DIV FACILITY NUMBER	40.8	1	(FACILITY NUMBER)

B.1.2.8 ZM4 Ancillary Procedures Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	30	ST	Yes	No	Ancillary procedure name	HL MFN ANCIL PROC NAME	108.1	0.01	(NAME)
2	Clinic	60	CE	No	No	The Clinic associated with this ancillary procedure. CHCS reference file:	HL MFN ANCIL PROC CLINIC	108.1	0.02	(CLINIC)
3	Mnemonic	8	ST	No	No	Abbreviation for fast look up	HL MFN ANCIL PROC MNEMONIC	108.1	0.04	(MNEMONIC)
4	Service	60	CE	No	No	The service associated with this clinic. CHCS reference file:	HL MFN ANCIL PROC SERVICE	108.1	0.05	(SERVICE)
5	Unavailable	1	ID	No	No	Procedure availability. Values for CHCS: 1 = Procedure unavailable for selected MTF	HL MFN ANCIL PROC UNAVAIL	108.1	0.08	(UNAVAILABLE)
6	Physical Parameter	1	ID	No	No	Belongs to the physical parameter class of procedures. Values for CHCS: 1 = Belongs to the physical parameter class of procedures	HL MFN ANCIL PROC PHYS	108.1	0.09	(PHYSICAL PARAMETER)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
7	Not Orderable	1	ID	No	No	Indicates whether procedure can be ordered individually. Values for CHCS: 1 = This procedure is not individually orderable	HL MFN ANCIL PROC NOT ORDER	108.1	0.13	(NOT ORDERABLE)
8	Order Timing	60	CE	No	No	Default order timing. CHCS reference file:	HL MFN ANCIL PROC ORDER	108.1	0.14	(DEFAULT CONT. TIMING)
9	Unit of Measure	5	ST	No	No	Unit of measure for the numeric result types	HL MFN ANCIL PROC UNIT	108.1	2.03	(UNIT OF MEASURE)
10	Order Review Required	1	ID	No	No	Indicates whether order must be individually reviewed. Values for CHCS: 1 = Orders for this procedure must be reviewed	HL MFN ANCIL PROC ORDER	108.1	8600.03	(ORDER REVIEW REQUIRED)
11	Counter-signature	1	ID	No	No	Indicates whether counter-signature is required to order this procedure. Values for CHCS: 1 = Counter-signature is required to order this procedure	HL MFN ANCIL PROC	108.1	8600.01	(COUNTERSIGNATURE)

B.1.2.9 ZM5 Unit Ship ID Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code	8	ID	Yes	No	Unit Identification Code (UIC), which identifies a DoD unit or ship. Values for CHCS:	HL MFN UNIT SHIP ID CODE	8111	1	(CODE)
2	Name	30	ST	Yes	No	The name of the unit or ship	HL MFN UNIT SHIP ID NAME	8111	0.01	(NAME)
3	Unit Location	60	CE	No	No	Geographic location of the unit or ship. CHCS reference file: GEO	HL MFN UNIT SHIP ID LOCATION	8111	3	(UNIT LOCATION)
4	Zip Code	60	CE	No	No	Mailing address zip code. CHCS reference file: ZIP	HL MFN UNIT SHIP ID ZIP CODE	8111	4	(ZIP CODE)
5	Uneditable	1	ID	No	No	(Entry is standard and not editable by sites.) Values for CHCS from Unit Ship ID Master File: See Master File = Unit Ship ID	HL MFN UNIT SHIP ID	8111	8195	(UNEDITABLE)
6	Alias	30	ST	No	No	TBS Required for outgoing message only.	HL MFN UNIT SHIP ID ALIAS	8111	5	(ALIAS)
7	Branch of Service	60	CE	No	No	TBS	HL MFN UNIT SHIP ID BOS	8111	2	(BRANCH OF SERVICE)

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B.1.2.10 ZM6 DMIS ID Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code	4	ID	Yes	No	Defense Medical Information System Identification Number. Values for CHCS: See Master File - DMIS ID	HL MFN DMIS ID CODE	8103	0.01	(DMIS ID)
2	Description	50	ST	Yes	No	The formal name of the medical entity associated with the DMIS ID	HL MFN DMIS ID DESCRIPTION	8103	1	(FACILITY NAME)
3	Group ID	4	ID	No	No	The DMIS ID of the parent organization, that the unit reports/rolls up information to. Values for CHCS: See Master File - DMIS ID	HL MFN DMIS ID GROUP ID	8103	7	(DMIS PARENT)
4	Geographic Location	60	CE	No	No	Geographic location of the unit. CHCS reference file: GEO	HL MFN DMIS ID GEO LOC	8103	5	(GEOGRAPHIC LOCATION)
							HL MFN MTF GEO LOC	4	0.02	(STATE/GEOG LOC)
5	Region	2	ID	No	No	The geographic area where the unit may reside. Values for CHCS:	HL MFN DMIS ID REGION	8103	4	(HEALTH SERVICE REGION)
6	Installation	35	ST	No	No	The name of the military installation where the unit is located	HL MFN DMIS ID INSTALLATION	8103	6	(INSTALLATION)
7	Branch of Service	60	CE	No	No	Military or government organization the unit belongs to. CHCS reference file:	HL MFN DMIS ID BRANCH OF	8103	9	(SERVICE BRANCH)
8	Facility Type	6	ST	No	No	The Type of Facility	HL MFN DMIS ID FACILITY TYPE	8103	8	(FACILITY TYPE)

B.1.2.11 ZM7 User Allowable Division

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Allowable Division	60	ST	Yes	No	TBS	HL MFN USER ZM7 ALLOWABLE			@NULL

B.1.2.12 ZM8 Family Member Prefix Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	FMP (Family Member Prefix) Code	2	ID	No	No	Numeric code associated with a particular family member prefix. Values for CHCS:	HL MFN FMP FMP	8110	0.01	(FMP)
2	FMP Description	50	ST	No	No	Description of FMP code	HL MFN FMP DESCRIPTION	8110	1	(DESCRIPTION)

B.1.2.13 ZM9 Diet Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	40	ST	Yes	No	Name of the Diet	HL MFN DIET NAME	8410	0.01	(NAME)
2	Abbreviation	6	ST	Yes	No	Abbreviated Diet Name	HL MFN DIET ABBREVIATION	8410	0.02	(ABBREV)
3	Display Comment	40	ST	No	No	Comment to be displayed by diet name	HL MFN DIET DISPLAY	8410	0.07	(DISPLAY COMMENT)
4	Select	1	ID	No	No	Can patient have a selective menu? Values for CHCS:	HL MFN DIET SELECT	8410	0.03	(SELECT)
5	Verify	1	ID	No	No	Selection to be checked against a standard pattern? Values for CHCS:	HL MFN DIET VERIFY	8410	0.04	(ERROR)
6	Select in Dining Room	1	ID	No	No	Menu items may be selected in the dining room? Values for CHCS:	HL MFN DIET SELECT IN DINING	8410	0.06	(SELECT IN DINING ROOM)
7	Nutri_Adequate	1	ID	No	No	Nutritionally Adequate. Values for CHCS:	HL MFN DIET NUTRI_ADEQUATE	8410	0.05	(NUTRI-ADQ)
8	Standard Entry	1	ID	No	No	Are standard entries, no modification. Values for CHCS:	HL MFN DIET STANDARD ENTRY	8410	0.09	(STANDARD ENTRY)
9	NPO Diet Type	1	ID	No	No	Nothing by mouth. Values for CHCS:	HL MFN DIET NPO DIET TYPE	8410	0.08	(NPO DIET)
10	Carbohydrate	6	NM	No	No	Total grams of carbohydrates in this diet.	HL MFN DIET CARBOHYDRATE	8410	2.01	(CHO)
11	Fat	6	NM	No	No	Total grams of fat in this diet.	HL MFN DIET FAT	8410	2.02	(FAT)
12	Protein	6	NM	No	No	Total grams of protein in this diet	HL MFN DIET PROTEIN	8410	2.03	(PRO)
13	Calories	6	NM	No	No	Total kilocalories in this diet	HL MFN DIET CALORIES	8410	2.04	(CALORIES)

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B.1.2.14 ZMB**Provider Specialty Master File**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Specialty	60	ST	Yes	No	Provider Specialties	HL MFN PROV SPECIALTY			@NULL
							HL MFN PROV SPECIALTY - IN	6.24	0.01	(PROVIDER SPECIALTY(S))

B.1.2.15 ZMC**Provider Class Master File**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	30	ST	Yes	No	Formal Provider Class Name	HL MFN PCL NAME	7	0.01	(NAME)
							HL MFN PCL NAME - IN	7	0.01	(NAME)
2	Abbreviation	5	ST	Yes	No	Provider Class Name Abbreviation	HL MFN PCL ABBREVIATION	7	1	(ABBREV. TITLE)
							HL MFN PCL SEQ-2 - IN			
3	Signature Class	2	ID	No	No	The level of signature authority for a provider	HL MFN PCL SEQ-3 - IN			
							HL MFN PCL SIG CLASS	7	8000	(SIGNATURE CLASS)

B.1.2.16 ZMD**Drug Master File**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	40	ST	Yes	No	Drug Generic Name	HL MFN DRUG NAME	50	0.01	(NAME)
2	Primary NDC Number	30	ST	Yes	No	The primary NDC number used at the site	HL MFN DRUG PRIMARY NDC	50	0.04	(PRIMARY NDC NUMBER)
3	Local Cost	10	NM	No	No	The cost of the basic unit of quantity in which a drug is dispensed	HL MFN DRUG LOCAL COST			@LOCALCOST

B.1.2.17 ZME**Appointment Type Code**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Internal Entry Number	60	ST	Yes	No	TBS	HL MFN APPT TYPE IEN			@DOATDA
2	Category	10	ST	No	No	TBS	HL MFN APPT TYPE CATEGORY	44.5	4	(CATEGORY)

B.1.2.18 ZMF***MTF Master File***

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	60	ST	Yes	No	Formal Name of the Medical Treatment Facility (MTF)	HL MFN MTF NAME	4	0.01	(NAME)
2	MTF Code	6	ID	Yes	No	The Alpha/numeric code associated with the MTF. Values for CHCS:	HL MFN MTF CODE	4	8017	(MTF CODE)
3	UIC Code	8	ID	No	No	Unit Identification Code associated with the MTF. Values for CHCS:	HL MFN MTF UIC CODE	4	8022	(UIC)
4	Geographic Location	60	CE	No	No	Geographic location of the unit. CHCS reference file: GEO	HL MFN MTF GEO LOC	4	0.02	(STATE/GEOG LOC)
							HL MFN DMIS ID GEO LOC	8103	5	(GEOGRAPHIC LOCATION)
5	DMIS ID	4	ID	No	No	The DMIS ID Code of the MTF. Values for CHCS:	HL MFN MTF DMIS ID	8103	0.01	(DMIS ID)
6	MTF Short Name	30	ST	No	No	Abbreviated name for the MTF	HL MFN MTF SHORT NAME	4	0.05	(SHORT NAME)

B.1.2.19 ZMG***Geographic Location Master File***

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	State Name	71	ST	Yes	No	State name	HL MFN GEO STATE NAME	5	0.01	(NAME)
2	Abbreviation	5	ID	Yes	No	State abbreviated name. Values for CHCS: Reference Table 9, State Code, in Appendix C.	HL MFN GEO ABBREVIATION	5	1	(ABBREVIATION)
3	Capital	18	ST	No	No	State capital	HL MFN GEO CAPITAL	5	5	(CAPITAL)
4	Country	71	ST	No	No	State country	HL MFN GEO COUNTRY	5	6	(COUNTRY)
5	Geog. Loc. Code	2	SI	No	No	State ID Code	HL MFN GEO LOC CODE	5	2	(GEOG LOC CODE)

B.1.2.20 ZMH***Hospital Location Appointment Type Master File***

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Appointment Types	50	ST	Yes	No	Appointment Types associated with location	HL MFN APPT TYPES			@NULL
2	Duration	3	NM	Yes	No	Time duration of appointment type for location	HL MFN APPT DURATION	44.05	1	(DURATION)
3	Referral Required	1	ID	No	No	Referral Required for Location. Values for CHCS: Yes - Referral Required; N = Referral Not Required; <null> = Referral Not Required	HL MFN APPT REFERRAL	44.05	2	(REFERRAL REQUIRED)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
4	Status	1	ID	No	No	Activation Status of Appointment. Values for CHCS: 1 = Active Appointment; 2 = Inactive Appointment; <null> = Active Appointment	HL MFN APPT STATUS	44.05	3	(STATUS)
5	Workload Type	1	ID	No	No	Workload Type for Location. Values for CHCS: 1 = Working Type is Count (include count in workload); 0 = Workload type is Non-count(do not include count in workload); <null> = Workload Type is Non-count (fo not include count in workload)	HL MFN APPT WORKLOAD TYPE	44.05	4	(WORKLOAD TYPE)
6	Pull Patient Record	1	ID	No	No	Pull Patient Record for Location. Values for CHCS: Y = Yes - Pull Patient Record; N/<null> = No - Do not pull Patient Record	HL MFN APPT PULL PATIENT	44.05	5	(PULL PATIENT RECORD)
7	Pull Radiology Record	1	ID	No	No	Pull Radiology Record for Location. Values for CHCS:	HL MFN APPT PULL RAD	44.05	6	(PULL RADIOLOGY RECORD)
8	Send Reminder Notices	1	ID	No	No	Send Reminder Notices for Location. Values for CHCS: Y = Yes - Send Reminder Notice; N/<null> = No - Do not send Reminder Notice	HL MFN APPT SEND REMINDER	44.05	7	(SEND REMINDER NOTICE)
9	Produce Encounter Forms	1	ID	No	No	Produce Encounter Forms for Location. Values for CHCS: Y = Yes - Produce Encounter Form; N/<null> - No - Do not produce Encounter Form	HL MFN APPT PRODUCE ENC	44.05	9	(PRODUCE ENCOUNTER FORMS)

B.1.2.21 ZMI Insurance Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Insurance Company Name	35	ST	Yes	No	Insurance Company Qualifier	HL MFN ZMI INS CO NAME	8064	0.01	(INSURANCE CO NAME)
							HL MFN ZMI INS CO NAME - IN			
2	Insurance Plan ID	14	ST	Yes	No	Insurance Company Short name	HL MFN ZMI INSUR PLAN ID	8064	2	(SHORT NAME)
							HL MFN ZMI INSUR PLAN ID - IN			
3	Insurance Telephone Number	20	ST	No	No	Insurance Telephone Number	HL MFN ZMI INSUR PHONE 1	8064	7	(TELEPHONE 1)
							HL MFN ZMI PHONE NO - IN			
4	Insurance Telephone Extension	5	ST	No	No	Insurance Telephone Extension	HL MFN ZMI INSUR PHONE 1 EXT	8064	8	(TELEPHONE 1 EXT)
							HL MFN ZMI PHONE EXT - IN			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
5	Insur Co FAX	20	ST	No	No	Insurance Company FAX Number	HL MFN ZMI INSUR CO FAX - IN			
							HL MFN ZMI INSUR FAX	8064	25	(FAX NUMBER)
6	Insurance Co Standard Comment	60	ST	No	No	Insurance Company Standard Comment	HL MFN ZMI STANDARD	8064	21	(STANDARD COMMENT)
							HL MFN ZMI INSUR STAN COM - IN			
7	Insurance Co Local Comment	60	ST	No	No	Insurance Company Local Comment	HL MFN ZMI INSUR LOCL COM -			
							HL MFN ZMI LOCAL COMMENT	8064	22	(LOCAL COMMENT)
8	Insurance Co Status	1	ID	No	No	Insurance Company Status. Values for CHCS:	HL MFN ZMI INSUR STATUS - IN			
							HL MFN ZMI STATUS	8064	16	(STATUS)
9	Date Last Updated	8	DT	No	No	Last Date Insurance Company Updated	HL MFN ZMI DATE LAST U - IN			
							HL MFN ZMI DATE LAST	8064	17	(DATE LAST UPDATED)
10	DEERS Discrepancy Code	2	ID	No	No	DEERS Discrepancy Code. Values for CHCS:	HL MFN ZMI DEERS D CODE - IN			
							HL MFN ZMI DEERS DISC CODE	8900.5	0.01	(DISCREPANCY CODE)
11	Electronic Data Interface Code	15	ST	No	No	Electronic Data Interface Code	HL MFN ZMI EDIC CODE - IN			
							HL MFN ZMI EDIC CODE	8064	29	(ELECTRONIC DATA INTERFACE CODE)
12	Blue Cross/Blue Shield Code	4	ST	No	No	Blue Cross/Blue Shield Code	HL MFN ZMI BLUE CROSS CODE	8064	10	(BC/BS CODE)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL MFN ZMI BLUE C/S CODE - IN				
13	Claims Contact Person Code	30	ST	No	No	Name of Person as Claims Contact	HL MFN ZMI CLAIM C PERSON - IN			
							HL MFN ZMI CLAIMS CONTACT	8064	11	(CONTACT PERSON)
14	Insurance Co Address	106	AD	No	No	Insurance Company Address	HL MFN ZMI CO ADDRESS			
							HL MFN ZMI INSUR CO ADDR - IN			
15	Insurance Co. Qualifier	35	ST	No	No	Number of days to "hold" schedule for hospital location	HL MFN ZMI INSUR CO QUAL - IN	8064	0.01	(INSURANCE CO NAME)
							HL MFN ZMI INSUR CO	8064	20	(INSURANCE COMPANY QUALIFIER)

B.1.2.22 ZMJ ICD Operations/Procedures

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code Number	8	ST	Yes	No	Code number associated with a particular ICD procedure. Values for CHCS:	HL MFN ICD OPER/PROC CODE	80.1	0.01	(CODE NUMBER)
2	Short Description	50	ST	Yes	No	Short description of ICD code	HL MFN ICD OPER/PROC DESC	80.1	4	(OPERATION/PR OCEDURE)
3	Detailed Description	250	ST	Yes	No	Long description of ICD code	HL MFN ICD OPER/PROC DETAIL	80.1	10	(DESCRIPTION)
4	Use only with SEX	1	ID	Yes	No	The SEX for which this procedure is applicable. Values for CHCS: <null> = All sexes	HL MFN ICD OPER/PROC SEX	80.1	9.5	(USE ONLY WITH SEX)

B.1.2.23 ZMK

CPT/HCPCS Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code	5	ST	Yes	No	TBS	HL MFN CPT CODE	8151	0.01	(CODE)
2	Description	30	ST	Yes	No	TBS	HL MFN CPT DESCRIPTION	8151	2	(DESCRIPTION)
3	Long Description	200	ST	Yes	No	TBS	HL MFN CPT LONG DESCRIPTION	8151	5	(LONG DESCRIPTION)
4	AMT Flag	3	ID	Yes	No	TBS Values for CHCS:	HL MFN CPT AMT FLAG	8151	3	(AMT FLAG)
5	AMT Qty	30	ST	Yes	Yes	TBS	HL MFN CPT AMT QTY	8151.03	0.01	(AMT QTY)

B.1.2.24 ZML

Hospital Location Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	30	ST	Yes	No	Location Name	HL CP ZML LOC NAME	8550.01	0.01	(PLACE OF CARE)
							HL MFN LOC NAME	44	0.01	(NAME)
							HL CP ZML LOC NAME	44	0.01	(NAME)
							HL MFN ZML SEQ-1 - IN	44	0.01	(NAME)
2	Abbreviation	6	ST	Yes	No	Location Abbreviation	HL CP ZML LOC ABBREVIATION	44	1	(ABBREVIATION)
							HL CP ZML LOC GRP	44	1	(ABBREVIATION)
							HL MFN LOC ABBREVIATION	44	1	(ABBREVIATION)
							HL MFN ZML SEQ-2 - IN			
3	Division	100	CE	Yes	No	Location's Division. CHCS reference file: DIV	HL MFN ZML SEQ-3 - IN			
							HL CP ZML LOC DIVISION	44	3.5	(DIVISION)
							HL CP ZML LOC GRP DIVISION	44	3.5	(DIVISION)
							HL MFN LOC DIVISION	44	3.5	(DIVISION)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
4	DMIS ID	4	ST	Yes	No	Division's Defense Medical Identification Code	HL MFN ZML SEQ-4 - IN			
							HL MFN LOC DMIS ID	40.8	5	(DMIS ID CODE)
							HL CP ZML LOC DMIS ID	40.8	5	(DMIS ID CODE)
							HL CP ZML LOC GRP DMIS ID	40.8	5	(DMIS ID CODE)
5	MTF	60	CE	Yes	No	Medical Treatment Facility associated with location. CHCS reference file: MTF	HL CP ZML LOC GRP MTF	44	3	(MTF)
							HL CP ZML LOC MTF	44	3	(MTF)
							HL MFN LOC MTF	44	3	(MTF)
							HL MFN ZML SEQ-5 - IN			
6	Service	60	CE	Yes	No	Clinical Service Specialty. CHCS reference file: SPE	HL MFN LOC SERVICE	44	9	(SERVICE)
							HL CP ZML LOC SERVICE	44	9	(SERVICE)
							HL CP ZML LOC GRP SERVICE	44	9	(SERVICE)
							HL MFN ZML SEQ-6			
7	Clinic Location	25	ST	No	No	Clinic Location	HL CP ZML LOC CLINIC	44	10	(CLINIC LOCATION)
							HL CP ZML LOC GRP CLINIC	10	44	(CLINIC LOCATION)
							HL MFN LOC CLINIC LOCATION	44	10	(CLINIC LOCATION)
							HL MFN ZML SEQ-7			
8	Telephone	18	ST	No	No	Hospital Location Telephone Number	HL MFN ZML SEQ-8 - IN			
							HL CP ZML LOC GRP TELEPHONE	44	99	(TELEPHONE)
							HL CP ZML LOC TELEPHONE	44	99	(TELEPHONE)
9	Clinic Type	1	ID	No	No	Clinic Type for Workload Count. Values for CHCS: 1 - Clinic Type is Count (include count in workload); 0/<null> = Clinic Type is Non-count (do not include count in workload)	HL MFN ZML SEQ-9 - IN			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL MFN LOC CLINIC TYPE	44	2502	(CLINIC TYPE)
							HL CP ZML LOC CLINIC TYPE	44	2502	(CLINIC TYPE)
							HL CP ZML LOC GRP CLINIC TYPE	44	2502	(CLINIC TYPE)
10	Building Name	45	ST	No	No	Name of Building (if applicable)	HL MFN ZML SEQ-10 - IN			
							HL CP ZML LOC BUILDING NAME	44	8000	(BUILDING NAME)
							HL CP ZML LOC GRP BUILDING	8000	44	(BUILDING NAME)
							HL MFN LOC BUILDING NAME	44	8000	(BUILDING NAME)
11	Building Number	6	ST	No	No	Number of Building (if applicable)	HL MFN ZML SEQ-11 - IN			
							HL MFN LOC BUILDING NUMBER	44	8001	(BUILDING NUMBER)
							HL CP ZML LOC BUILDING	44	8001	(BUILDING NUMBER)
							HL CP ZML LOC GRP BUILDING	8001	44	(BUILDING NUMBER)
12	Building Address	106	CM	No	No	Address of Building	HL CP ZML LOC BLDG ADDRESS			
							HL CP ZML LOC GRP BUILDING	44	8002	(STREET ADDRESS)
							HL MFN LOC BUILDING ADDRESS	44	8002	(STREET ADDRESS)
							HL MFN ZML SEQ-12 - IN			
13	MEPRS Code	60	CE	No	No	MEPRS Code Associated with this Hospital Location. CHCS reference file: MEP	HL MFN ZML SEQ-13 - IN			
							HL CP ZML LOC GRP MEPRS	44	8009	(MEPRS CODE)
							HL CP ZML LOC MEPRS CODE	44	8009	(MEPRS CODE)
							HL MFN LOC MEPRS CODE	44	8009	(MEPRS CODE)
14	Available Schedule	2	NM	No	No	Available Schedule for Hospital Location	HL MFN ZML SEQ-14 - IN			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL MFN LOC AVAILABLE	44	8010	(AVAILABLE SCHEDULE)
							HL CP ZML LOC AVAILABLE	44	8010	(AVAILABLE SCHEDULE)
							HL CP ZML LOC GRP AVAILABLE	8010	44	(AVAILABLE SCHEDULE)
15	Prepare Reminder Notices	2	NM	No	No	Number of days prior to booked appointment to generate Reminder notices for hospital location	HL MFN ZML SEQ-15 - IN			
							HL CP ZML LOC GRP PREPARE	8012	44	(PREPARE REMINDER NOTICES)
							HL CP ZML LOC PREPARE REM	44	8012	(PREPARE REMINDER NOTICES)
							HL MFN LOC PREPARE REM	44	8012	(PREPARE REMINDER NOTICES)
16	Roster Production	1	NM	No	No	Number of days in advance to generate Rosters for hospital location	HL MFN ZML SEQ-16 - IN			
							HL MFN LOC ROSTER	44	8013	(ROSTER PRODUCTION)
							HL CP ZML LOC ROSTER PROD	44	8013	(ROSTER PRODUCTION)
							HL CP ZML LOC GRP ROSTER	44	8013	(ROSTER PRODUCTION)
							HL CP ZML LOC CLINIC APT	44	8016	(CLINIC APPT INSTRUCTIONS)
							HL CP ZML LOC GRP CLINIC APT	8016	44	(CLINIC APPT INSTRUCTIONS)
							HL MFN LOC CLINIC APT INSTR	44	8016	(CLINIC APPT INSTRUCTIONS)
							HL MFN ZML SEQ-17 - IN			
							HL CP ZML LOC GRP CHECK	8019	44	(CHECK HOLIDAY FILE)
18	Check Holiday File	1	ID	No	No	Check Holiday File for Hospital Location. Values for CHCS: Y = Yes - Check Holiday File; N/<null> = No - Do not check Holiday File	HL MFN LOC CHECK HOLIDAY	44	8019	(CHECK HOLIDAY FILE)
							HL CP ZML LOC CHECK HOLIDAY	44	8019	(CHECK HOLIDAY FILE)
							HL CP ZML LOC CHECK HOLIDAY	44	8019	(CHECK HOLIDAY FILE)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL MFN ZML SEQ-18 - IN			
19	Schedule Hold Duration	2	NM	No	No	Number of days to "hold" schedule for hospital location	HL CP ZML LOC GRP SCHEDULE	8020	44	(SCHEDULE HOLD DURATION)
							HL CP ZML LOC SCHEDULE	44	8020	(SCHEDULE HOLD DURATION)
							HL MFN LOC SCHEDULE HOLD	44	8020	(SCHEDULE HOLD DURATION)
							HL MFN ZML SEQ-19 - IN			
20	Type	1	ID	No	No	TBS Required for outgoing message only.	HL MFN LOC TYPE	44	2	(LOCATION TYPE)
21	Enrollee Lockout	1	ID	No	No	TBS Required for outgoing message only.	HL MFN LOC ENROLLEE	44	21	(ENROLLEE LOCKOUT)
22	Type Care	1	ID	No	No	TBS	HL MFN LOC TYPE CARE	44	20	(TYPE OF CARE)
23	Cost Pool	60	CE	No	No	TBS Required for outgoing message only.	HL MFN LOC COST POOL	44	8521	(COST POOL CODE)

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B.1.2.25 ZMM**MEPRS Code Master File**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code	4	ST	Yes	No	MEPRS Code to identify a specific account	HL MFN MEPRS CODE	8119	0.01	(CODE)
2	Description	50	ST	Yes	No	Description of the type of expense	HL MFN MEPRS DESCRIPTION	8119	1	(DESCRIPTION)
3	Abbreviation	115	ST	No	No	Description Abbreviation	HL MFN MEPRS ABBREVIATION	8119	10	(ABBREVIATION)
4	Group ID	4	ST	Yes	No	DMIS ID of the Division that the workload reporting will be rolled into	HL MFN MEPRS GROUP ID	8119	4	(GROUP ID)
5	Category	20	ST	No	No	Category of the MEPRS Code	HL MFN MEPRS CATEGORY	8119	2	(CATEGORY)
6	Service	60	CE	Yes	No	Department/Service associated with this MEPRS Code. CHCS reference file: MEP	HL MFN MEPRS SERVICE	8119	3	(SERVICE)

B.1.2.26 ZMP**Provider Additional Info Master File**

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Signature Block	50	ST	No	No	Name in proper format, used in signature block reports	HL MFN PROV SIGNATURE	6	8117	(SIGNATURE BLOCK)
							HL MFN ZMP SEQ-1 - IN	6	0.01	(NAME)
2	User File Entry	60	CN	No	No	Corresponding User	HL MFN PROV USER			@USER
							HL MFN ZMP SEQ-2 - IN			
							HL CP MFN PROV USER IN			
3	Provider Can PL Order	8	DT	No	No	Indicates the date after which no order can be accepted from the provider	HL MFN PROV CAN PL ORDER	6	100	(INACTIVATION DATE)
							HL MFN ZMP SEQ-3 - IN			
4	Type	1	ID	No	No	Indicates the Type of Provider. Values for CHCS: B = Fee Basis; C = C&A; F = Full Time; H = House Staff; P = Partnership; T = Part Time	HL MFN PROV TYPE	6	3	(TYPE)
							HL MFN ZMP SEQ-4 - IN			
5	Location	120	ST	Yes	No	Provider Primary Location. CHCS reference files: DIV, HOS	HL MFN PROV LOCATION			
							HL MFN ZMP SEQ-5 - IN			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
6	Rank	60	CE	Yes	No	Provider's Military Grade and Rank. CHCS reference file: RNK	HL MFN ZMP SEQ-6 - IN			
							HL MFN PROV RANK	6	8015	(RANK)
7	Clinic	120	ST	No	No	Provider's Clinic Location	HL MFN PROV CLINIC			
							HL MFN ZMP SEQ-7 - IN			
8	Department ID Code	60	CE	No	No	Code Associated with Department. CHCS reference file: DPT	HL MFN PROV DEPT ID CODE	6	8099	(DEPARTMENT ID CODE)
							HL MFN ZMP SEQ-8 - IN			
9	Provider Flag	1	ID	Yes	No	Provider Flag designating if the entry is a provider. Values for CHCS: 1 = Provider; 0 = Not a Provider; C = MCP Group	HL MFN ZMP SEQ-9 - IN			
							HL MFN PROV PROVIDER FLAG	6	8129	(PROVIDER FLAG)
10	Language	200	ST	No	No	Provider Language. CHCS reference file: LNG	HL MFN ZMP SEQ-10 - IN			
							HL CP MFN PROV LANGUAGE			
							HL MFN PROV LANGUAGE			@PROVLANG
11	Provider Fax Number	18	ST	No	No	Provider Fax Number	HL MFN PROV FAX NUMBER	6	0.133	(DUTY FAX NUMBER)
							HL MFN ZMP SEQ-11 - IN			
12	Title	60	CE	No	No	Provider's Job Title. CHCS reference file:	HL MFN PROV TITLE	6	8100	(TITLE)
							HL MFN ZMP SEQ-12 - IN			
13	Duty Phone	40	ST	No	No	Provider Duty Phone	HL MFN ZMP SEQ-13 - IN			
							HL CP MFN PROV DUTY PHONE			
							HL MFN PROV DUTY PHONE			@PROVZMPP
14	Provider Class	60	CE	No	No	Provider Class: CHCS reference file: PCL	HL MFN ZMP SEQ-14 - IN			
							HL MFN PROV PROVIDER CLASS	6	2	(CLASS)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
15	Military Status	3	ID	No	No	Military Status of Provider. Values for CHCS: AD = Active Duty; CI = Civilian; IRR = Inactive Ready Reserve; NG = National Guard; RC = Reserves	HL MFN PROV MILITARY STATUS	8569	0.01	(CODE)
							HL MFN ZMP SEQ-15 - IN			
16	SSN	11	ST	No	No	Provider SSN	HL MFN PROV SSN	6	8	(SSN)
							HL MFN ZMP SEQ-16 - IN			
17	HCP Number	20	ST	No	No	Provider Health Care Practitioner Number	HL MFN PROV HCP NUMBER	6	6	(HCP#)
							HL MFN ZMP SEQ-17 - IN			
18	DEA Number	20	ST	No	No	Provider Drug Enforcement Agency Number	HL MFN PROV DEA NUMBER	6	5	(DEA#)
							HL MFN ZMP SEQ-18 - IN			
19	Active Duty Commitment	10	DT	No	No	TBS	HL MFN PROV ACTV DTY COMMIT	6	8139	(DATE OF ACTIVE DUTY COMMITMENT)

B.1.2.27 ZMQ ICD Diagnosis Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code Number	11	ID	Yes	No	TBS	HL MFN ICD9 CODE	80	0.01	(CODE NUMBER)
2	Diagnosis	30	ST	Yes	No	TBS	HL MFN ICD9 DIAGNOSIS	80	3	(DIAGNOSIS)
3	Description	250	ST	Yes	No	TBS	HL MFN ICD9 DESCRIPTION	80	10	(DESCRIPTION)
4	Use Only With Sex	1	ID	No	No	TBS	HL MFN ICD9 SEX USE	80	40	(USE ONLY WITH SEX)
5	Newborn	1	ID	No	No	TBS	HL MFN ICD9 NEWBORN	80	41	(NEWBORN)
6	Pediatric	1	ID	No	No	TBS	HL MFN ICD9 PEDIATRIC	80	42	(PEDIATRIC)
7	Maternity	1	ID	No	No	TBS	HL MFN ICD9 MATERNITY	80	43	(MATERNITY)
8	Adult	1	ID	No	No	TBS	HL MFN ICD9 ADULT	80	44	(ADULT)
9	Manifestations	1	ID	No	No	TBS	HL MFN ICD9 MANIFESTATIONS	80	45	(MANIFESTATIONS)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
10	Questionable Admissions	1	ID	No	No	TBS	HL MFN ICD9 QUESTIONABLE	80	46	(QUESTIONABLE ADMISSIONS)
							HL MFN WARD LOCATION NAME	42	0.01	(NAME)
11	Unacceptable Principle	1	ID	No	No	TBS	HL MFN ICD9 UNACCEPTABLE	80	47	(UNACCEPTABLE PRINCIPLE)
							HL MFN WARD LOCATION			@DOSYN

B.1.2.28 ZMR Medication Route

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	30	ST	Yes	No	TBS	HL MFN MED ROUTE NAME	51.2	0.01	(NAME)
2	Abbreviation	5	ST	No	No	TBS	HL MFN MED ROUTE	51.2	1	(ABBREVIATION)

B.1.2.29 ZMS Department and Services Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	34	ST	Yes	No	Name of Department or Service within the MTF	HL MFN DPS NAME	45.7	0.01	(NAME)
2	Status	3	ID	No	No	TBS. Values for CHCS: B = Fee Basis; C = C&A; F = Full Time; H = House Staff; P = Partnership; T = Part Time	HL MFN DPS STATUS	45.7	0.02	(DEPT STATUS)
3	Abbreviation	5	ST	No	No	Name Abbreviation	HL MFN DPS ABBREVIATION	45.7	99	(ABBREVIATION)
4	Department	60	CE	No	No	Coding System. CHCS reference file: DPT	HL MFN DPS DEPARTMENT	45.7	0.05	(DEPARTMENT)
5	Division	999	ST	No	No	TBS	HL MFN DPS DIVISION	45.702	0.01	(DIVISION)

B.1.2.30 ZMU User Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Name	30	PN	Yes	No	User Name	HL MFN USER NAME	3	0.01	(NAME)
2	Initial	5	ST	No	No	User Initial	HL MFN USER INITIALS	3	1	(INITIAL)
3	Termination Date	9	DT	No	No	User Termination Date	HL MFN USER TERMINATION	3	9.2	(TERMINATION DATE)
4	Nick Name	10	ST	No	No	User Nick Name	HL MFN USER NICK NAME	3	13	(NICK NAME)
5	Provider	60	CN	No	No	Corresponding Provider	HL MFN USER PROVIDER	3	8000	(PROVIDER)
6	Primary Clinic Location	100	CE	No	No	User's Current Primary Location. CHCS reference file: HOS	HL MFN USER CLINIC LOCATION	3	8099	(PRIMARY CLINIC LOCATION)
7	Telephone	40	ST	No	No	User Telephone	HL MFN USER TELEPHONE	3	662000	(TELEPHONE)
8	User Coded ID/Name	60	CN	Yes	No	Coded User Name	HL MFN USER CODED ID NAME	3	0.001	(NUMBER)
9	VMS Name	20	ST	No	No	TBS	HL MFN USER VMS NAME	3	12	(VMS USERNAME)
10	Jump to MTF	255	ST	No	No	TBS	HL MFN USER JUMP TO MTF			@DOJUMP2

B.1.2.31 ZMV ICD Diagnosis - Additional Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	ICD9 Codes not to use with	60	CE	No	No	TBS. CHCS reference file:	HL MFN ICD9 DO NOT USE			@NULL

B.1.2.32 ZMY Return Codes Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Return Code	7	ST	Yes	No	TBS	HL MFN MRC RETURN CODE	8162	0.01	(RETURN CODE)
2	Short Description	47	ST	Yes	No	TBS	HL MFN MRC SHORT	8162	1	(SHORT DESCRIPTION)
3	Long Description	200	ST	No	No	TBS	HL MFN MRC LONG DESCRIPTION	8162	2	(LONG DESCRIPTION)

B.1.2.33 ZMZ Zip Code Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Code	10	ST	Yes	No	Zip Code	HL MFN ZIP CODE	5.8002	0.01	(CODE)
2	City	40	ST	No	No	City. Required for outgoing messages only.	HL MFN ZIP CITY	5.8002	1	(CITY)
3	State	71	ST	No	No	State. Required for outgoing messages only.	HL MFN ZIP STATE NAME	5.8002	2	(STATE)
4	Modified City	40	ST	No	No	TBS	HL MFN ZIP MODIFIED CITY	5.8002	5	(MODIFIED CITY)

B.1.2.34 ZN1 Ward Location Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Questionable Admissions	1	ID	No	No	TBS	HL MFN ICD9 QUESTIONABLE	80	46	(QUESTIONABLE ADMISSIONS)
							HL MFN WARD LOCATION NAME	42	0.01	(NAME)
2	Unacceptable Principle	1	ID	No	No	TBS	HL MFN ICD9 UNACCEPTABLE	80	47	(UNACCEPTABLE PRINCIPLE)
							HL MFN WARD LOCATION			@DOSYN
3	Division	60	CE	Yes	No	Ward's Medical Center Division. CHCS reference file: DIV	HL MFN WARD LOCATION	42	0.015	(DIVISION)
4	Service	60	CE	Yes	No	Associated medical Service. CHCS reference file:	HL MFN WARD LOCATION	42	0.03	(SERVICE)
5	ICU	1	ID	No	No	Indicates whether ward is an intensive care unit. Values for CHCS: Y = Intensive Care Unit	HL MFN WARD LOCATION ICU	42	0.15	(ICU FLAG)
6	Visiting Hours	40	ST	No	No	The ward visiting hours	HL MFN WARD LOCATION VISIT	42	8003	(VISITING HOURS)

B.1.2.35 ZN2 Ward Multiple Room Info Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Room Name	9	ST	Yes	No	Room name/number	TBS	42.03	1	
							HL MFN WARD LOC ROOM NAME	42.03	0.01	(ROOM)
2	Number of Beds	2	NM	Yes	No	Total number of beds in this room	HL MFN WARD LOC NBR OF BEDS	42.03	1	(NUMBER OF BEDS)
							TBS	42.03	1	
3	Description	35	ST	Yes	No	Room description. CHCS reference file:	HL MFN WARD LOC	42.03	1.5	(ROOM DESCRIPTION)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
4	Sex	1	ID	No	No	Indicates if room can be used for men, women or both. Values for CHCS: F = Female; M = Male	HL MFN WARD LOC SEX	42.03	1.6	(SEX)

B.1.2.36 ZN9 CPT/HCPCS Modifiers Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Modifier	2	ST	Yes	No	TBS	HL MFN CPT MODIFIER	8151.02	0.01	(MODIFIER)
2	DOD Description	60	ST	No	No	TBS	HL MFN CPT MOD DOD DESC	8151.02	7	(DOD DESCRIPTION)
3	Print Name	8	ST	No	No	TBS	HL MFN CPT MOD PRINT NAME	8151.02	2	(PRINT NAME)
4	DOD Billing	7	NM	No	No	TBS	HL MFN CPT MOD DOD BILLING	8151.02	3	(DOD BILLING)
5	Site Cost	7	NM	No	No	TBS	HL MFN CPT MOD SITE COST	8151.02	4	(SITE COST)
6	Weighted Value	7	NM	No	No	TBS	HL MFN CPT MOD WEIGHT	8151.02	5	(WEIGHTED VALUE)
7	DBA Inactive Flag	1	ID	No	No	TBS Values for CHCS:	HL MFN CPT MOD DBA INACTIVE	8151.02	6	(DBA INACTIVE FLAG)

B.1.2.37 ZNA PSAFDB ADIMMSTR ADIMTBL ADIMMONO Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	ADIDES	38	ST	Yes	No	Drug/Drug Interaction pair	HL MFN FDB DRUG/DRUG ADIDE	8253.01	0.01	(ADIDES)
2	ADIEFFT	40	ST	No	No	Clinical effect description	HL MFN FDB DRUG/DRUG	8253.01	0.02	(ADIEFFT)
3	ADISL	1	ID	No	No	Interaction severity level. Values for CHCS:	HL MFN FDB DRUG/DRUG ADISL	8253.01	0.03	(ADISL)
4	ADIPGHA	16	ST	No	No	Coded reference to Hantzen's	HL MFN FDB DRUG/DRUG	8253.01	0.04	(ADIPGHA)
5	ADIPGDF	30	ST	No	No	Coded reference to Drug Interact Facts	HL MFN FDB DRUG/DRUG	8253.01	0.05	(ADIPGDF)
6	ADIMONO	3	NM	No	No	Interaction Monograph number	HL MFN FDB DRUG/DRUG	8253.01	0.06	(ADIMONO)
7	ADIPGDST	8	ST	No	No	Reference on Hantzen's Decision Support Tables	HL MFN FDB DRUG/DRUG	8253.01	0.07	(ADIPGDST)

B.1.2.38 ZNC PSAFDB ADIMMON Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Drug Text	76	ST	No	No	ADIM monograph text	HL MFN FDB DRUG/DRUG TEXT	8253.012	0.01	(IAMTEXTN)
2	Drug Text Line	1	ID	No	No	ADIM monograph line identifier	HL MFN FDB DRUG/DRUG TEXT	8253.012	0.02	(IAMIDENTN)

B.1.2.39 ZND Allergies Selections Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	BN/GNN	30	ST	Yes	No	TBS	HL MFN ALLERGIES SEL BN/GNN	8254.01	0.01	(BN/GNN)
2	GNN	30	ST	No	No	TBS	HL MFN ALLERGIES SEL GNN	8254.01	0.04	(GNN)
3	ALLTYPE	1	ID	No	No	TBS Values for CHCS:	HL MFN ALLERGIES SEL	8254.01	0.05	(ALLTYPE)
4	COMMENT	30	ST	No	No	TBS	HL MFN ALLERGIES SEL	8254.01	0.06	(COMMENT)
5	OBSOLETE DATE	18	ST	No	No	TBS	HL MFN ALLERGIES SEL OBS	8254.01	0.07	(OBSOLETE DATE)
6	DUPLICATE BRAND NAME	1	ID	No	No	TBS Values for CHCS:	HL MFN ALLERGIES SEL DUP	8254.01	0.08	(DUPLICATE BRAND NAME)
7	EXPANDED GNN	80	ST	No	No	TBS	HL MFN ALLERGIES SEL EXPND	8254.01	1.01	(EXPANDED GNN)

B.1.2.40 ZNE Professional Category

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Internal Entry Number	20	ST	Yes	No	TBS	HL MFN PROF CATEGORY IEN			@DOPFCT

B.1.2.41 ZNF PSAFDB DAC MONO INDEX CITE Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Title	70	ST	Yes	No	Allergy title	HL MFN FDB MONO TITLE	8253.03	0.01	(TITLE)

B.1.2.42 ZNG PSAFDB DAC MONO INDEX CITE CAUTION Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Caution Name	3	ST	No	No	TBS	HL MFN PSAFDB MONO CAU -			ZNG
2	Caution - ID	1	ST	No	No	TBS	HL MFN PSAFDB MONO CAU - ID			L
3	Caution Text	999	ST	No	No	TBS	HL MFN PSAFDB MONO CAU - TXT			@NULL

B.1.2.43 ZNH PSAFDB DAC MONO INDEX CITE SECTION Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Section Name	3	ST	No	No	Section Name in Monograph	HL MFN PSAFDB MONO SEC - ZNH			ZNH
2	Section ID	1	ST	No	No	TBS	HL MFN PSAFDB MONO SEC - ID			L
3	Section Text	999	ST	No	No	Texts of sections from Monograph	HL MFN PSAFDB MONO SEC - TXT			@NULL

B.1.2.44 ZNI PSAFDB DAC MONO INDEX CITE CITATION Master File

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	AHFSCITET	3	ST	No	No	Text of the citation	HL MFN PSAFDB MONO CIT - ZNI			ZNI
2	AHFSCITE	3	NM	No	No	Number of the citation	HL MFN PSAFDB MONO CIT - ID	8253.036	0.01	(AHFSCITE)

B.1.2.45 ZNK PSAFDB DAC MONO INDEX CITE NAV

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Citation Text	999	ST	No	No	TBS	HL MFN PSAFDB MONO CIT - TXT			@NULL

B.1.2.46 ZNS Title

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Abbreviation	8	ST	Yes	No	TBS	HL MFN TITLE ABBREVIATION	3.1	1	(ABBREVIATION)

B.1.2.47 ZNT TBS

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Provider ID	36	CN	Yes	No	Provider number and name	TBS			
2	Notification	78	CE	Yes	No	Text of notification message. CHCS reference file:	TBS			
3	Action	1	ID	Yes	No	Display or cancel message. Values for CHCS:	TBS			
4	Display order	2	NM	No	No	Order in which to display the notifications if there are more than one	TBS			
5	When to Display	1	NM	No	No	Display at Log-in or at each menu or both. (If external system wants to emulate CHCS.)	TBS			
6	Time Stamp	26	TS	No	No	TBS	TBS			

B.1.2.48 ZOA Custom Allergy Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Allergy	60	CE	No	No	Allergy. CHCS reference file:	HL ORPW DRUG ALLERGY	8810.03	0.01	(ALLERGY SELECTION)
2	Comment	80	ST	No	No	Allergy Comment	HL ORPW ALLERGY COMMENT	8810.03	0.02	(COMMENT)
3	Update Allergy Message	1	ST	No	No	Used to indicate type of allergy update	HL ORPW ALLERGY UPDATE			

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B.1.2.49 ZOB Blood Product

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	Yes	No	Sequential Number - The ZOB Segment will repeat for each product ordered (for Autologous Donation Consultation only)	HL LAB DBSS SET ID - ZOB			ZOB
							HL LAB SET ID - INBOUND			
							HL LAB SET ID - ZOB			ZOB
2	Blood Product	80	CE	Yes	No	Blood Product ID. CHCS reference file:	HL ORPW DBSS BLOOD PRODUCT			@NULL
							HL LAB BB BLOOD PRODUCT	63.799	0.01	(BLOOD PRODUCT TYPE)
							HL LAB DBSS BLOOD PRODUCT	101.25	0.01	(PRODUCT TYPE)
							HL LAB DBSS BLOOD PRODUCT -			
3	Number of units	3	NM	Yes	No	Number of Units Requested	HL ORPW IN # OF UNITS OF			
							HL LAB DBSS UNITS ORDERED	101.25	0.02	(NUMBER OF UNITS)
4	Total Volume Requested	4	NM	No	No	Total Volume Requested, in ml (outbound messages only)	HL LAB DBSS TOTAL VOLUME	101.25	0.03	(TOTAL VOLUME (IN ML))
5	Date/Time of Unit Status Change	26	TS	No	No	Date/Time when a unit status changes	HL LAB BB UNIT STATUS DT/TM	63.799	0.05	(UNIT STATUS DATE/TIME)
							HL LAB DBSS UNIT STATUS DT/TM			
6	Units Available	4	NM	No	No	Number of units available (crossmatched but not issued)	HL LAB BB UNITS AVAILABLE	63.799	0.06	(NUMBER OF UNITS AVAILABLE)
							HL LAB DBSS UNITS AVAILABLE			
7	Units Issued	4	NM	No	No	Cumulative number of units issued	HL LAB DBSS UNITS ISSUED			
							HL LAB BB UNITS ISSUED	63.799	0.07	(NUMBER OF UNITS ISSUED)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
8	Units Transfused	4	NM	Yes	No	Number of units transfused	HL LAB BB UNITS TRANSFUSED	63.799	0.08	(NUMBER OF UNITS TRANSFUSED)
							HL LAB DBSS UNITS			
9	Number Collected	4	NM	No	No	Cumulative number of units collected	HL LAB BB UNITS COLLECTED	63.799	0.04	(NUMBER OF UNITS COLLECTED)
							HL LAB DBSS UNITS COLLECTED			
10	Date Collected	26	TS	No	No	Date autologous unit collected (most recent collection)	HL LAB BB UNITS COLL DT/TM	63.799	0.03	(DATE/TIME UNITS COLLECTED)
							HL LAB DBSS DATE COLLECTED			

B.1.2.50 ZOB Custom Order Batch

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Batch ID	12	ST	No	No	Batch ID for Order to be placed in	HL ORPW IN BATCH ID			
							HL ORPW OUT BATCH ID			@ORBATID
2	Order Batch Date/Time	26	TS	No	No	Date/Time of Order batch creation	HL ORPW OUT BATCH TIME			@ORBATDT
							HL ORPW IN BATCH TIME			

B.1.2.51 ZOC Custom Lab Collection Samples

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Collection Sample	80	CE	No	No	Collection Sample. CHCS reference file: LRS	HL ORPW LAB PRE COLSAMPLE	60.03	0.01	(COLLECTION SAMPLE)
2	Specimen	80	CE	No	No	Type of specimen. CHCS reference file:	HL ORPW LAB PRE SPECIMEN	62	2	(DEFAULT SPECIMEN)
3	Remark	80	ST	No	No	Remarks from the lab about the collection sample	HL ORPW LAB PRE REMARK	60.03	8	(ORDER ENTRY REMARK)
4	Required Comment Text	80	ST	No	No	Required Comment	HL ORPW LAB PRE COMTXT			@ORCOMTXT

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
5	Required Comment Answers	240	ST	No	No	Answers (for the ZOC-4) as defined in the Required Comment field associated with the Collection Sample for the ordered Lab Test	HL ORPW LAB PRE COMANS			@ORCOMANS
6	TBS	30	ST	No	No	TBS	HL ORPW LAB PRE CONTAINER	60.03	2	(CONTAINER)

B.1.2.52 ZOD Page Order

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order ID	60	ST	No	No	Unique identifier for the order	HL ORPW ORDER ID	101	0.01	(ID NUMBER)
2	Order Type	2	NM	No	No	Type of order	HL ORPW ORDER TYPE	101	0.05	(ORDER TYPE)
3	TBS (ZOD-3)	1	NM	No	No	TBS (ZOD-3)	HL ORPW ORDER	101	3.02	(NONMODIFIABLE)
6	Order Expiration Date	17	TS	No	No	Date order expires	HL ORPW ORDER EXPIRING			@ZOD6

B.1.2.53 ZOE Custom Lab Blood Bank Order/Observation

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Substitutions Allowed	1	ID	Yes	No	Substitutions Allowed. Values for CHCS: Y = Yes - Substitution Allowed; N = No - Substitution Not Allowed	HL ORPW IN SUBSTITUTION			
							HL LAB DBSS SUBSTITUTION	101	114.01	(SUBSTITUTIONS ALLOWED)
2	Location of Transfusion Procedure	80	CE	No	No	Site of Intended Transfusion/Procedure (where transfusion is to occur). CHCS reference files: DIV, HOS	HL LAB DBSS LOCN OF TRANSF.	101	114.03	(HOSPITAL LOC OF TRANSFUSION)
							HL ORPW IN LOC OF			
3	Site of Intended Transfusion/Procedure	60	ST	No	No	Site of Intended Transfusion/Procedure (where the donor will donate the blood) in free text format. Filled for Autologous Donation Order, Null for Blood Orders (Type & Cross and Type & Screen)	HL LAB DBSS SITE OF TRANSF.	101	114.04	(LOC OF INTENDED TRANSFUSION)
							HL ORPW SITE OF TRANSFUSION			
4	Rhig Treatment	1	ID	No	No	Rhig Treatment. Values for CHCS: Y = Yes - Patient has a history of Rhig Treatment; N = No - Patient has no history of Rhig Treatment	HL LAB DBSS RHIG TREATMENT	101	114.11	(PRIOR RHIG TREATMENT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL ORPW IN RHIG TREATMENT			
5	Rhig Treatment Date	8	DT	No	No	Date of Rhig Treatment	HL LAB DBSS RHIG TRMT DATE	101	114.12	(RHIG TREATMENT DATE)
							HL ORPW IN RHIG TREATMENT			
6	Hemolytic Disease of Newborn	1	ID	No	No	Indicates if the newborn has hemolytic disease. Values for CHCS: Y = Yes - Newborn has hemolytic Disease; Mp = Newborn does not have Hemolytic Disease	HL LAB DBSS HEMOLYTIC	101	114.13	(HEMOLYTIC DISEASE OF NEWBORN)
							HL ORPW IN HEMOLYTIC			
7	Reason for Transfusion/Diagnosis/Procedure	60	ST	No	No	Reason for the transfusion, diagnosis and/or procedure	HL ORPW IN REASON FOR			
							HL ORPW OUT REASON FOR			@NULL
8	History of Transfusion Reaction	1	ID	No	No	History of Transfusion Reaction. Values for CHCS: Y = Yes - Patient has a history of Antibody Formation; N = No - Patient has no history of Antibody Formation	HL LAB DBSS TRANSF. REACTION	101	114.08	(HISTORY OF TRANS. REACTION)
							HL ORPW IN HX TRANSFUSION			
9	History of Antibody Formation	1	ID	No	No	History of Antibody Formation. Values for CHCS: Y = Yes - Patient has a history of Antibody Formation; N = No - Patient has no history of Antibody Formation	HL LAB DBSS ANTIBODY	101	114.07	(HISTORY OF ANTIBODY FORMATION)
							HL ORPW IN HX ANTIBODY FORM			
10	History of Transfusion	1	ID	No	No	History of Transfusion. Values for CHCS: Y = Yes - Patient has a history of Transfusion; N = No - Patient has no history of Transfusion	HL LAB DBSS TRANSFUSION	101	114.05	(HISTORY OF TRANSFUSION)
							HL ORPW IN HX OF			
11	Date of Past Transfusion	8	DT	No	No	Date of Past Transfusion	HL LAB DBSS LAST	101	114.06	(DATE OF LAST TRANSFUSION)
							HL ORPW IN DATE LAST			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
12	Previous/Current Pregnancy	1	ID	No	No	Previous/Current Pregnancy. Values for CHCS: Y = Yes - Patient is/was Pregnant; N = No - Patient is/was not Pregnant	HL LAB DBSS PREGNANCY	101	114.09	(PREVIOUS/CUR RENT PREGNANCY)
							HL ORPW IN PREGNANCY			
13	Pregnancy Date	8	DT	No	No	Date of Previous Pregnancy	HL LAB DBSS PREGNANCY DATE	101	114.1	(DATE OF PREGNANCY)
							HL ORPW IN PREGNANCY DATE			

B.1.2.54 ZOG Custom Lab Cytologic Gyn Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Birth Control Pills	1	ID	No	No	Indicates if the patient takes birth control pills. Values for CHCS: Y = Yes - Patient takes Birth Control Pills; N = No - Patient does not take Birth Control Pills	HL ORPW OUT BIRTH CONTROL	101	112.07	(BIRTH CONTROL PILLS?)
							HL ORPW IN BIRTH CONTROL			
2	I.U.D.	1	ID	No	No	Indicates if the patient has an intrauterine device. Values for CHCS: Y = Yes, Patient has an IUD; N/<null> = No - Patient does not have an IUD	HL ORPW OUT IUD	101	112.08	(I.U.D.?)
							HL ORPW IN IUD			
3	Post-Menopausal	1	ID	No	No	Indicates if the patient is post-menopausal. Values for CHCS: Y = Yes - Patient is Post-menopausal; N/<null> = No - Patient is not Post-menopausal	HL ORPW IN POSTMENOPAUSAL			
							HL ORPW OUT	101	112.03	(POST-MENOPAUSAL?)
4	Hysterectomy	1	ID	No	No	Indicates if the patient has had a hysterectomy. Values for CHCS: Y = Yes - Patient has had a Hysterectomy; N/<null> = No - Patient has not had a hysterectomy	HL ORPW IN HYSTERECTOMY			
							HL ORPW OUT HYSTERECTOMY	101	112.04	(HYSTERECTOM Y?)
5	Hormone Therapy	1	ID	No	No	Indicates if the patient receives hormone therapy. Values for CHCS: Y = Yes - Patient receives Hormone Therapy; N/<null> = Npo - Patient does not receive Hormone Therapy	HL ORPW IN HORMONE			
							HL ORPW OUT HORMONE	101	112.09	(HORMONE THERAPY?)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
6	L.M.P. Date	8	DT	No	No	Start date of the patient's last menstrual period in format:	HL ORPW IN LMP DATE			
							HL ORPW OUT LMP DATE	101	112.02	(L.M.P. DATE)
7	Weeks Pregnant	2	NM	No	No	Number of weeks pregnant	HL ORPW OUT WEEKS	101	112.05	(WEEKS PREGNANT)
							HL ORPW IN WEEKS PREGNANT			
8	Weeks Post Partum	2	NM	No	No	Number of weeks since the patient's baby was born	HL ORPW IN WEEKS			
							HL ORPW OUT WEEKS	101	112.06	(WEEKS POST PARTUM)
9	Radiation Therapy Date	8	DT	No	No	Date that the patient began radiation therapy	HL ORPW IN RADIATION			
							HL ORPW OUT RADIATION	101	112.1	(RADIATION THERAPY DATE)
10	Cytotoxic Therapy Date	8	DT	No	No	Date that the patient began cytotoxic therapy	HL ORPW IN CYTO THERAPY			
							HL ORPW OUT CYTO THERAPY	101	112.11	(CYTOTOXIC THERAPY DATE)
11	Previous Cytology Diagnosis	78	ST	No	No	Previous cytology diagnoses and dates	HL ORPW IN PREVIOUS CYTO DX			
							HL ORPW OUT PREVIOUS CYTO	101	112.101	(PREVIOUS CYTOLOGY DIAGNOSIS)

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B.1.2.55 ZOL Custom Lab Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Highest Priority	1	ST	No	No	Highest Priority for LAB Test	HL ORPW LAB PRE HIGH			@ORPRT
2	Ancillary Approval Needed	1	NM	No	No	Indicates if ancillary approval is needed for LAB procedure ordered0 or Null = Ancillary approval not required	HL ORPW LAB PRE ANCAPPROV	60	704	(APPROVAL REQUIRED)
3	LAB Collect	80	CE	No	No	LAB Collectable Specimen. CHCS reference file: LRT	HL ORPW LAB PRE LABCOL	60	9	(LAB COLLECTION SAMPLE)
4	Collection Times	80	ST	No	No	LAB Collection times for patient's location	HL ORPW LAB PRE COLTIMES			@ORCOLTIM
5	TBS	1	NM	No	No	TBS	HL ORPW LAB PRE PANEL FLAG	60	0.5	(SINGLE/PANEL)

B.1.2.56 ZOM Custom Rad Approval/Appointment

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Countersignature Needed	1	NM	No	No	Indicates if a countersignature is needed	HL ORPW OUT COUNTERSIG			@ZOM1
2	Ancillary Approval Needed	1	NM	No	No	Indicates if ancillary approval is needed for Rad procedure ordered	HL ORPW OUT ANCILLARY			@ZOM2
3	Appointment Required	1	NM	No	No	Indicates if appointment is required for ordered Rad procedure	HL ORPW OUT APPT REQUIRED			@ZOM3
4	Radiology Location	50	ST	No	No	Location of Rad Procedure	HL ORPW OUT RAD LOC			@ZOM4
5	Portable	1	ST	No	No	Indicates if Rad procedure can be portable	HL ORPW OUT PORTABLE			@ZOM5
6	Continuous	1	NM	No	No	Indicates if Rad procedure can be Continuous or One Time	HL ORPW OUT RAD CONT			@ZOM6
7	Allergy Override Required	1	NM	No	No	Parameter to set the Allergy Override Required	HL ORPW OUT ALLERGY OVER			@ZOM7
8	TBS	10	NM	No	No	TBS	HL ORPW OUT RAD EXAM COST			@ZOM8

B.1.2.57 ZOO Custom Override Warnings

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Warning Display Text from ZOS-5	250	ST	No	No	TBS	HL ORPW IN WARNING DISP TXT			
							HL ORPW OUT WARNING DISP	101.03	3.01	(WARNING MESSAGE)
2	Override Entered By	60	CN	No	No	User who overrode the warning	HL ORPW IN OVERRIDE ENT BY			
							HL ORPW OUT OVERRIDE ENT BY	101.03	0.04	(OVERRIDE ENTERED BY)
3	Override Authorized By	60	CN	No	No	Provider who authorized the override	HL ORPW IN OVERRIDE AUTH BY			
							HL ORPW OUT OVERRIDE AUTH	101.03	0.05	(OVERRIDE AUTHORIZED BY)
4	Emergency Override	60	CN	No	No	TBS	HL ORPW IN EMER OVERRIDE			
							HL ORPW OUT EMER OVERRIDE	101.03	0.06	(EMERGENCY OVERRIDE BY)
5	Time Override Occurred	26	TS	No	No	Date/Time warning was overridden	HL ORPW IN OVERRIDE TIME			
							HL ORPW OUT OVERRIDE TIME	101.03	0.01	(QA EVENT DATE)
							HL ORPW OUT PHR OVERRIDE			@ORPWOTIM
6	Justification	250	ST	No	No	Reason for overriding warning	HL ORPW OUT PHR OVERRIDE			@ORPWJUST
							HL ORPW IN OVERRIDE JUSTIF			
							HL ORPW OUT OVERRIDE JUSTIF	101.03	1.01	(JUSTIFICATION (AUTHORIZING))

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B.1.2.58 ZOP Custom Patient Order Page

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Page ID	10	NM	No	No	Page IEN	HL ORPW IN PAGE ID			
							HL ORPW PAGE ID	109	0.001	(PAGE NUMBER)
2	Page Location	60	CE	No	No	Ward Location. CHCS reference files: DIV, HOS	HL ORPW IN PAGE LOCATION			
							HL ORPW PAGE LOCATION	109	0.02	(PATIENT LOCATION)
3	Page Status	1	NM	No	No	Page Status of selected page	HL ORPW IN PAGE STATUS			
							HL ORPW PAGE STATUS	109	0.04	(PAGE STATUS)
4	Default Page	1	NM	No	No	Default Page Designator	HL ORPW DEFAULT PAGE			@ORDEFPG
							HL ORPW IN DEFAULT PAGE			

B.1.2.59 ZOR Blood Order

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Observational Simple	4	SI	Yes	No	Observation ID	HL LAB DBSS SET ID - ZOR			ZOR
3	Substitutions Allowed	1	ID	Yes	No	Substitutions Allowed. Values for CHCS: Y = Yes - Substitution Allowed; N = No - Substitution Not Allowed	HL LAB DBSS SUBSTITUTION	101	114.01	(SUBSTITUTIONS ALLOWED)
							HL ORPW IN SUBSTITUTION			
4	Location of Transfusion/Procedure	80	CE	No	No	Location of Transfusion/Procedure. CHCS reference files: DIV, HOS	HL LAB DBSS LOCN OF TRANSF.	101	114.03	(HOSPITAL LOC OF TRANSFUSION)
5	Site of Intended Transfusion/Procedure	60	ST	No	No	Site of Intended Transfusion/Procedure (where the donor will donate the blood) in free text format. Filled for Autologous Donation Order, Null for Blood Orders (Type & Cross and Type & Screen)	HL LAB DBSS SITE OF TRANSF.	101	114.04	(LOC OF INTENDED TRANSFUSION)
							HL ORPW SITE OF TRANSFUSION			
6	Rhig Treatment	1	ID	No	No	Rhig Treatment. Values for CHCS: Y = Yes - Patient has a history of Rhig Treatment; N = No - Patient has no history of Rhig Treatment	HL LAB DBSS RHIG TREATMENT	101	114.11	(PRIOR RHIG TREATMENT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL ORPW IN RHIG TREATMENT				
7	Rhig Treatment Date	8	DT	No	No	Date of Rhig Treatment	HL LAB DBSS RHIG TRMT DATE	101	114.12	(RHIG TREATMENT DATE)
						HL ORPW IN RHIG TREATMENT				
8	Hemolytic Disease of Newborn	1	ID	No	No	Indicates if the newborn has hemolytic disease. Values for CHCS: Y = Yes - Newborn has hemolytic Disease; Mp = Newborn does not have Hemolytic Disease	HL LAB DBSS HEMOLYTIC	101	114.13	(HEMOLYTIC DISEASE OF NEWBORN)
						HL ORPW IN HEMOLYTIC				
9	Special Instructions	60	ST	No	No	Special Instructions	HL LAB DBSS SPECIAL INSTRUCT.	101	0.1	(ORDER COMMENT)
10	History of Transfusion Reaction	1	ID	No	No	History of Transfusion Reaction. Values for CHCS: Y = Yes - Patient has a history of Antibody Formation; N = No - Patient has no history of Antibody Formation	HL LAB DBSS TRANSF. REACTION	101	114.08	(HISTORY OF TRANS. REACTION)
						HL ORPW IN HX TRANSFUSION				
11	History of Antibody Formation	1	ID	No	No	History of Antibody Formation Indicator. Values for CHCS: Y = Yes - Patient has a history of Antibody Formation; N = No - Patient has no history of Antibody Formation	HL LAB DBSS ANTIBODY	101	114.07	(HISTORY OF ANTIBODY FORMATION)
12	History of Transfusion	1	ID	No	No	History of Transfusion. Values for CHCS: Y = Yes - Patient has a history of Transfusion; N = No - Patient has no history of Transfusion	HL LAB DBSS TRANSFUSION	101	114.05	(HISTORY OF TRANSFUSION)
						HL ORPW IN HX OF				
13	Date of Past Transfusion	8	DT	No	No	Date of Past Transfusion	HL LAB DBSS LAST	101	114.06	(DATE OF LAST TRANSFUSION)
						HL ORPW IN DATE LAST				
14	Previous/Current Pregnancy	1	ID	No	No	Previous/Current Pregnancy. Values for CHCS: Y = Yes - Patient is/was Pregnant; N = No - Patient is/was not Pregnant	HL LAB DBSS PREGNANCY	101	114.09	(PREVIOUS/CURRENT PREGNANCY)
						HL ORPW IN PREGNANCY				

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
15	Pregnancy Date	8	DT	No	No	Date of Previous Pregnancy	HL LAB DBSS PREGNANCY DATE	101	114.1	(DATE OF PREGNANCY)
16	Patient Category Code	4	ST	No	No	Alternate identifier of the Veteran's Military Status	HL LAB DBSS PATCAT CODE	8156	8800	(SUB CATEGORY)

B.1.2.60 ZOR Custom Appointment/Managed Care

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
23	ZOR-Custom Order - 23	40	CE	No	No	Not Used	HL CP ZOR CHARGE TO PRACTICE	44.2	9	(MEPRS CODE)
							HL PAS CHARGE TO PRACTICE			
24	ZOR-Custom Order - 24	160	ST	No	No	Not Used	HL CP ZOR DIAG SERVICE			

B.1.2.61 ZOR Custom Order Observation - Clinical/Radiology

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Type	2	NM	No	No	Order Type ID	HL ORPW ORDER TYPE	101	0.05	(ORDER TYPE)
							HL ORPW IN ORDER TYPE			
2	Order Comment	80	ST	No	No	Comment associated with Order	HL ORPW IN ORDER COMMENT	101	0.1	(ORDER COMMENT)
							HL ORPW OUT ORDER COMMENT			
3	Associated Appointment	30	CM	No	No	NASDI Appointment Link. CHCS reference file:	HL ORPW IN ASSOC	101	135.06	(PATIENT APPOINTMENT)
							HL ORPW OUT ASSOC			
5	Requested HCP	80	CN	No	No	Requested Health Care Provider	HL ORPW IN REQUESTED HCP	101	135.02	(REQUESTED HCP)
							HL ORPW OUT REQUESTED HCP			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
6	Exact Date for Appointment	1	NM	No	No	Exact Date Indicator	HL ORPW IN EXACT APPT DATE			
							HL ORPW OUT EXACT APPT DATE	101	135.05	(EXACT DATE?)
7	Appointment Type	5	ST	No	No	Type of Appointment	HL ORPW OUT APPT TYPE	101	135.03	(APPOINTMENT TYPE)
							HL ORPW IN APPT TYPE			
8	Is Transportation needed	1	NM	No	No	Transportation Needed Indicator	HL ORPW OUT TRANSPORT	101	4.02	(TRANSPORTATION REQUIRED)
							HL ORPW IN TRANSPORT			
9	Child Resistant	1	ID	No	No	Child Resistant Container Indicator. Values for CHCS: Y = Yes - Use Child Resistant Container; N/<null> = No - Do not use Child Resistant Container	HL ORPW IN CHILD RES			
							HL ORPW OUT CHILD RES	101	121.08	(CHILD RESISTANT CONTAINER)
10	Total Doses	7	NM	No	No	Number of IVP doses used to calculate the duration for IVP orders	HL ORPW IN TOTAL DOSES			
							HL ORPW OUT TOTAL DOSES	101	5.11	(TOTAL DOSES)
13	Dispensing Pharmacy/Enterer's Location	80	CE	No	No	Outpatient Pharmacy Site for Prescription orders/Requesting Location	HL ORPW IN DISP PHARM			
							HL ORPW DISPENSING	101	121.099	(DISPENSING PHARMACY)
14	Meal Location	1	ID	No	No	Meal Location Indicator. Values for CHCS: D = Dining Room; R = Room	HL ORPW IN MEAL LOCATION			
							HL CIW MEAL LOCATION	101	125.04	(MEAL LOCATION)
							HL ENTERER'S LOCATION	101	0.07	(PATIENT LOCATION)
20	Immediate Reading	1	ID	No	No	Immediate Radiology Reading Indicator. Values for CHCS: Y = Yes - Immediate Radiology Reading required; N = No - No immediate Radiology Reading required	HL ORPW IN IMMEDIATE			
							HL ORPW OUT IMMEDIATE	101	130.06	(IMMEDIATE READING)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
23	Charge to Practice	40	CM	No	No	MEPRS charge code (not used for Rad Schedule or Rad Arrival) Format: <Charge Amount> <MEPRS ID> <MEPRS Code> 99MEP	HL ORPW IN CHARGE TO PRACTICE			
							HL PSO CHARGE TO PRACTICE			@XMEPRS
							HL RAD CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL LAB ACCN MEPRS CODE	101	0.06	(MEPRS CODE)
							HL CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL AP IN MEPRS CODE			
							HL OR CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
24	Diagnostic Service Section	40	CE	No	No	Performing Location	HL OR DIAG SERV SECT	40.8	0.01	(NAME)
							HL ORPW IN DX SERVICE ID			
							HL PSO DIAGNOSTIC SERVICE			@XPERFLOC

B.1.2.62 ZOR Custom Order Observation - Pharmacy

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Order Type	2	NM	No	No	Order Type ID	HL ORPW IN ORDER TYPE			
							HL ORPW ORDER TYPE	101	0.05	(ORDER TYPE)
2	Order Comment	80	ST	No	No	Comment associated with Order	HL ORPW OUT ORDER COMMENT	101	0.1	(ORDER COMMENT)
							HL ORPW IN ORDER COMMENT			
3	Associated Appointment	30	CM	No	No	NASDI Appointment Link. CHCS reference file:	HL ORPW IN ASSOC			
							HL ORPW OUT ASSOC	101	135.06	(PATIENT APPOINTMENT)
5	Requested HCP	80	CN	No	No	Requested Health Care Provider	HL ORPW IN REQUESTED HCP			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL ORPW OUT REQUESTED HCP	101	135.02	(REQUESTED HCP)
6	Exact Date for Appointment	1	NM	No	No	Exact Date Indicator	HL ORPW IN EXACT APPT DATE			
							HL ORPW OUT EXACT APPT DATE	101	135.05	(EXACT DATE?)
7	Appointment Type	5	ST	No	No	Type of Appointment	HL ORPW IN APPT TYPE			
							HL ORPW OUT APPT TYPE	101	135.03	(APPOINTMENT TYPE)
8	Is Transportation needed	1	NM	No	No	Transportation Needed Indicator	HL ORPW IN TRANSPORT			
							HL ORPW OUT TRANSPORT	101	4.02	(TRANSPORTATION REQUIRED)
9	Child Resistant	1	ID	No	No	Child Resistant Container Indicator. Values for CHCS: Y = Yes - Use Child Resistant Container; N/<null> = No - Do not use Child Resistant Container	HL ORPW IN CHILD RES			
							HL ORPW OUT CHILD RES	101	121.08	(CHILD RESISTANT CONTAINER)
10	Total Doses	7	NM	No	No	Number of IVP doses used to calculate the duration for IVP orders	HL ORPW IN TOTAL DOSES			
							HL ORPW OUT TOTAL DOSES	101	5.11	(TOTAL DOSES)
13	Dispensing Pharmacy/Enterer's Location	80	CE	No	No	Outpatient Pharmacy Site for Prescription orders/Requesting Location	HL ORPW DISPENSING	101	121.099	(DISPENSING PHARMACY)
							HL ORPW IN DISP PHARM			
14	Meal Location	1	ID	No	No	Meal Location Indicator. Values for CHCS: D = Dining Room; R = Room	HL CIW MEAL LOCATION	101	125.04	(MEAL LOCATION)
							HL ENTERER'S LOCATION	101	0.07	(PATIENT LOCATION)
							HL ORPW IN MEAL LOCATION			
20	Immediate Reading	1	ID	No	No	Immediate Radiology Reading Indicator. Values for CHCS: Y = Yes - Immediate Radiology Reading required; N = No - No immediate Radiology Reading required	HL ORPW IN IMMEDIATE			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL ORPW OUT IMMEDIATE	101	130.06	(IMMEDIATE READING)
23	Charge to Practice	40	CM	No	No	MEPRS charge code (not used for Rad Schedule or Rad Arrival) Format: <Charge Amount> <MEPRS ID> <MEPRS Code> 99MEP	HL CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL LAB ACCN MEPRS CODE	101	.06	(MEPRS CODE)
							HL OR CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL ORPW IN CHARGE TO			
							HL PSO CHARGE TO PRACTICE			@XMEPRS
							HL RAD CHARGE TO PRACTICE	101	0.06	(MEPRS CODE)
							HL AP IN MEPRS CODE			
24	Diagnostic Service Section	40	CE	No	No	Performing Location	HL ORPW IN DX SERVICE ID			
							HL PSO DIAGNOSTIC SERVICE			@XPERFLOC
							HL OR DIAG SERV SECT	40.8	0.01	(NAME)

B.1.2.63 ZOS Custom Warning Status

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Number of Warnings	2	NM	No	No	Indicates number of warnings against order	HL ORPW NUM OF WARNINGS			@ZOS1
2	Drug Site Parameter Text	240	ST	No	No	Text to display pharmacy site parameters	HL ORPW DRUG SITE			@ZOS2
3	Drug Warning Text	25	ST	No	No	Displays of Drug Warning text	HL ORPW DRUG WARNING TEXT			@ZOS3
4	Dosage Warning Text	25	ST	No	No	Text to display dosage checking status	HL ORPW DOSAGE WARNING			@ZOS4
5	(Clinical Screen for Drug)	80	ST	No	No	Warnings display text	HL ORPW WARNING PSW ZERO			@ZOS5

B.1.2.64 ZOT Custom Blood Products

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Blood Product	80	CE	Yes	No	Blood Product ID. CHCS reference file:	HL LAB DBSS BLOOD PRODUCT -			
							HL ORPW DBSS BLOOD PRODUCT			@NULL
							HL LAB DBSS BLOOD PRODUCT	101.25	0.01	(PRODUCT TYPE)
							HL LAB BB BLOOD PRODUCT	63.799	0.01	(BLOOD PRODUCT TYPE)
2	Number of units	3	NM	Yes	No	Number of Units Requested	HL ORPW IN # OF UNITS OF			
							HL LAB DBSS UNITS ORDERED	101.25	0.02	(NUMBER OF UNITS)
3	Volume	4	NM	No	No	Total Volume Requested in ml	HL ORPW IN TOT VOLUME OF			
							HL ORPW TOTAL VOLUME	101.25	0.03	(TOTAL VOLUME (IN ML))

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B.1.2.65 ZOW***Custom Warnings***

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Notes and Comments	4	SI	No	No	May be used where multiple NTE segments are included in a message; numbering must be described in the application message definition	HL ORPW IN SEQUENCE ID			
							HL SET ID - NOTES			NTE
							HL PAS SET ID - N/C - PROC			NTE
							HL PAS SET ID - N/C - DIAG			NTE
							HL LAB SET ID - NTE			NTE
							HL LAB SET ID - INBOUND			
							HL CP SCH NTE SET ID-PROC FT			NTE2
							HL CP SCH NTE SET ID-DIAG FT			NTE1
							HL CP NTE SET ID			NTE
							HL PAS SET ID - DIAG TXT			NTE1
2	Warning ID	2	ID	No	Yes	Type of Warning. Values for CHCS: Reference Table 10, Warning Code, in Appendix C.	HL ORPW WARNING ID			@ZOW2
							HL ORPW IN WARNING ID			
							HL ORPW OUT WARNING ID	101.03	0.02	(QA EVENT TYPE)
							HL ORPW OUT WARNING ID PHR	55.51	0.01	(WARNING)
3	Warning Description	120	ST	No	Yes	Display Text for Warning	HL ORPW WARNING			@ZOW3
							HL ORPW OUT WARNING	101.03	3.01	(WARNING MESSAGE)
							HL ORPW IN WARNING DESCRIPT			
							HL ORPW OUT WARNING DESC	55.51	1	(DESCRIPTION)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
4	Report ID	60	ST	No	Yes	Data needed to return monographs for warning	HL ORPW IN REPORT ID			
							HL ORPW REPORT ID			@ZOW4
5	Order File ID	60	CE	No	Yes	Order Number of Conflicting Order. CHCS reference file:	HL ORPW IN ORDER FILE ID			
							HL ORPW ORDER FILE ID			@ZOW5
6	Allergy ID	60	CE	No	Yes	Allergy. Set for allergy warning. CHCS reference file:	HL ORPW IN ALLERGY ID			
							HL ORPW ALLERGY ID			@ZOW6
7	Order Display Text	240	ST	No	Yes	Display text of existing order in conflict	HL ORPW ORDER DISPLAY TEXT			@ZOW7
							HL ORPW IN ORDER DISP TXT			

B.1.2.66 ZP1 Additional Patient Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Patient Occupation	20	ST	No	No	Patient's occupation	HL CIS PATIENT OCCUPATION	2	0.07	(OCCUPATION)
2	Outpatient Record Location	120	CM	No	No	Location of Outpatient Medical Record in the format of: <Unique ID>&<File Room Name>&99HOS\\<MTF Code>	HL CIS OUTPATIENT RECORD	2	8201	(OUTPATIENT RECORD LOCATION)
3	Military Grade/Rank	60	CE	No	No	Grade and Rank (for active duty or retired military personnel) in the format of: <Unique ID><description>99RNK	HL CIS MILITARY GRADE/RANK	2	8018	(MILITARY GRADE/RANK)
4	CMD Interest Category	240	ST	No	Yes	CMD Interest Category (CIC) in the format of: <code>\<description>\99CIC. When more than one CIC is input for a patient the second and following CIC data may be truncated. Check for "99CIC" in the third position to determine if information is complete.	HL CIS CMD INTEREST			@ZP104
5	Military Status	45	ID	No	No	Military Status. Values for CHCS: 1 = Active Duty, 2 = FAM MBR of Active Duty, 3 = Retired, 4 = FAM MBR of Retired, 5 = Other AD = Active Duty; CI = Civilian; IRR = Inactive Ready Reserve; NG = National Guard; RC = Reserves	HL CIS MILITARY STATUS	8156	8100	(STATUS OF PATIENT)
6	Primary Physician	60	CN	No	No	Patient's Primary Care Physician. Source table: 99STF	HL CIS PRIMARY PHYSICIAN	2	8015.1	(PRIMARY PHYSICIAN)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
7	Admission Remarks	60	TX	No	No	TBS	HL DG ADMISSION REMARKS	2.95	0.08	(ADMISSION COMMENT)
8	Casualty Status	4	TX	No	No	TBS	HL DG CASUALTY STATUS	2.95	8062.1	(CASUALTY STATUS)
9	Casualty Date	12	DT	No	No	TBS	HL DG CASUALTY DATE	2.95	8061	(CASUALTY STATUS START DATE)

B.1.2.67 ZPA MCP Group Agreements

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - MCP Group Agreement	4	SI	Yes	No	MCP Group Agreement Sequence Number	HL CP ZPA GRP AGREEMENT SI			ZPA
2	Agreement Type	80	CE	Yes	No	MCP Agreement Type. CHCS reference file: AGR	HL CP ZPA GRP AGREEMENT	8550.02	0.01	(AGREEMENT TYPE)
							HL CP ZPA GRP AGRMNT TYPE IN			
3	Start Date	8	DT	Yes	No	MCP Group Agreement Start Date	HL CP ZPA GRP START DATE	8550.02	0.01	(AGREEMENT TYPE)
							HL CP ZPA GRP START DATE	8550.04	0.01	(START DATE)
4	Stop Date	8	DT	Yes	No	MCP Group Agreement Stop Date	HL CP AGR STOP DATE			
							HL CP ZPA GRP STOP DATE	8550.04	1	(STOP DATE)
5	Fee Base	1	ID	Yes	No	MCP Group Agreement Fee Base. Values for CHCS: C<null> = CHAMPUS Allowable; U = Usual/Custodial	HL CP AGR FEE BASE			
							HL CP ZPA GRP FEE BASE	8550.04	2	(FEE BASE)
6	PCM	1	ID	No	No	MCP Group act as PCM. Values for CHCS: 1 = Yes - MCP Group acts as PCM; 0 = No - MCP Group does not act as PCM	HL CP ZPA GRP PCM	8550.04	12	(PCM)
							HL CP AGR PCM			
7	MAX PCM Patient	6	NM	No	No	MCP Group Maximum number of PCM patients	HL CP AGR MAX PATIENT			
							HL CP ZPA GRP MAX PCM	8550.04	13	(MAX PCM PATIENTS)
8	Assignment Limits	50	ST	No	No	PCM Assignment Limits	HL CP ZPA GRP ASSIGN LIMITS	8550.04	16	(ASSIGNMENT LIMITS)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL CP ZPA GRP ASSIGN LIMITS IN				
9	Assignment Comments	100	ST	No	No	PCM Assignment Comments	HL CP ZPA GRP ASSIGN CMTS IN			
							HL CP ZPA GRP ASSIGN	8550.04	17	(ASSIGNMENT COMMENTS)
10	PCM Data - From Age	3	NM	No	No	Group Agreement starting age preference	HL CP AGR MIN AGE			
							HL CP ZPA GRP MIN PCM AGE	8550.04	18	(MIN PCM AGE)
11	PCM Data - To Age	3	NM	No	No	Group Agreement ending age preference	HL CP ZPA GRP MAX PCM AGE	8550.04	19	(MAX PCM AGE)
							HL CP AGR MAX AGE			
12	Original Start Date	8	DT	No	No	TBS	HL CP ZPA GRP ORI ST DATE IN			
							HL CP ZPA GRP ORI START DATE	8552.05	0.01	(ENROLLMENT DATE)
13	Overall Discount PCT	3	NM	Yes	No	MCP Group Agreement Discount Value	HL CP ZPA GRP DISCOUNT VALUE	8552.05	3	
							HL CP ZPA GRP DISCOUNT VAL IN	8552.05	3	(ENROLLMENT DATE)

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B.1.2.68 ZPC MCP Provider Place of Care

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - MCP Provider Place of Care	4	SI	Yes	No	MCP Provider Place of Care Sequence Number	HL CP ZPC HCP PLACE OF CARE			ZPC
							HL CP ZPO PLACE OF CARE ID IN	8550.11	0.01	(PLACE OF CARE)
2	Place of Care	120	CE	Yes	No	TBS. CHCS reference files: DIV, HOS	HL CP ZPO GRP PLACE OF CARE	8550.01	0.01	(PLACE OF CARE)
							HL CP ZPC PLACE OF CARE			
3	Days and Hours of Business	180	CM	No	No	TBS Format: <MON to-from am hrs & to-from pm hrs>\TUE to-from am hrs & to-from pm hrs>\...<SUN am hrs & pm hrs>	HL CP ZPO DAYS AND HOURS			@NULL
							HL CP ZPC HCP DAYS AND HOURS IN	8550.23	.01	(DAY AND HOURS OF BUSINESS)
							HL CP ZPC HCP DAYS & HOURS			
4	POC Inactivation Date	8	DT	No	No	Place of Care Inactivation Date	HL CP ZPC HCP POC INACT DATE	8550.11	6	(POC INACTIVATION DATE)
5	POC Reactivation Date	8	DT	No	No	Place of Care Reactivation Date	HL CP ZPC POC REACT DATE	8550.11	7	(POC REACTIVATION DATE)
6	POC Reactivation Reason	100	ST	No	No	Place of Care Reactivation Reason	HL CP ZPC HCP REACT REASON IN			@NULL
							HL CP ZPC HCP REACT REASON			
7	POC Directions	200	ST	No	No	Place of Care Directions	HL CP ZPC MCP POC DIRECTION	8553	11	(DIRECTIONS)
							HL CP ZPC MCP POC DIRECTION IN			
8	Comments	200	ST	No	No	Place of Care Comments	HL CP ZPC COMMENTS	8553	12	(COMMENTS)
							HL CP ZPC COMMENTS IN			
9	Appointment Contact	80	ST	No	No	Appointment Contact Name at Place of Care	HL CP ZPC MCP APPT CONTACT			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL CP ZPC MCP APPT CONTACT IN	8553	5	(APPOINTMENT CONTACT)

B.1.2.69 ZPD Drug Defaults

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Dispensing Pharmacy	80	CE	No	No	Default pharmacy based on requesting location or dispensing pharmacy obtained from SIG code. CHCS reference file: PSI	HL ORPW DISPENSING	101	121.099	(DISPENSING PHARMACY)
2	Maximum Refills	2	NM	No	No	Maximum refills allowed based on dispensing pharmacy. Used to validate the number of refills entered by user.	HL ORPW MAX REFILLS			@ORRFMAX
3	Default SIG	240	ST	No	No	Default SIG based on dispensing pharmacy	HL ORPW DEFAULT SIG			@ORDSIG
4	Default Unit	10	ST	No	No	Default units from drug file	HL ORPW DEFAULT UNIT			@ORDUNIT
5	Maximum Quantity	4	NM	No	No	Maximum quantity allowed based on the dispensing pharmacy. Used to validate the quantity entered by user.	HL ORPW MAX QUANTITY			@ORQMAX
6	Maximum Days Supply	3	NM	No	No	Maximum days supply based on dispensing pharmacy. Used to validate the number of days supply entered by the user.	HL ORPW MAX DAYS SUPPLY			@ORDMAX
7	Dispensing Comment	80	ST	No	No	Comment displayed to user when ordering drug based on dispensing pharmacy	HL ORPW DISPENSING			@ORDRGCOM
8	Local Cost	10	NM	No	No	Local Cost of the Drug	HL ORPW LOCAL COST			@ORLCOST
9	Dispense Complete Container	1	NM	No	No	Used for containers dispensed as a bulk unit	HL ORPW DISP COMP			@ORDCC
10	Default Quantity	7	NM	No	No	Default quantity for commonly ordered SIGs	HL ORPW DEF QUANTITY			@ORDQUANT
11	Default Expiration	3	NM	No	No	Default expiration date based on MTF or DEA policy	HL ORPW DEF EXPIRATION			@ORDEXP
12	Default Days Supply	3	NM	No	No	Default days supply for the Rx	HL ORPW DEF DAYS SUPPLY			@ORDDAYS

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B.1.2.70 ZPD MCP Group Agreement Beneficiary Category

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Beneficiary Category	5	ID	Yes	No	Beneficiary Category. Values for CHCS: ADT = Active Duty; AFM = Active Duty Family Member; OTH = Other; RET = Retiree; RFM = Retiree Family Member	HL CP ZPD GRP BEN CATEGORY	8550.28	0.01	(BENEFICIARY CATEGORIES)
							HL CP ZPD GRP BEN CATEGORY	8550.28	0.01	
2	Ben MAX PCM Pts	6	NM	No	No	Beneficiary Maximum PCM Patients	HL CP ZPD GRP BEN MAX PCM PAT	8550.28	2	(MAX PCM PATIENTS)
							HL CP BEN MAX PAT			
3	PCM Data - From Age (by Beneficiary Category)	3	NM	No	No	Starting age preference, by PCM Beneficiary Category	HL CP BEN MIN AGE			
							HL CP ZPD GRP BEN MIN PCM AGE	8550.28	4	(MIN PCM AGE)
4	PCM Data - To Age (by Beneficiary Category)	3	NM	No	No	Ending age preference, by PCM Beneficiary Category	HL CP BEN MAX AGE			
							HL CP ZPD GRP BEN MAX PCM AGE	8550.28	5	(MAX PCM AGE)

B.1.2.71 ZPE Enrollment Identification

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Patient Enrollment Begin Date	8	DT	Yes	No	Patient Enrollment Begin Date	HL CP ZPE ENROLLMENT DATE	8552.05	0.01	(ENROLLMENT DATE)
2	Patient Enrollment End Date	8	DT	Yes	No	Patient Enrollment End Date	HL CP ZPE ENROLLMENT END	8552.05	1	(ENROLLMENT END DATE)
3	Patient Disenrollment Reason	5	ID	No	No	MCP Disenrollment Reason. Values for CHCS: Reference Table 11, Disenrollment Reason Code, in Appendix C.	HL CP ZPE DISENROLLMENT	8564	0.01	(CODE)
4	Patient Former Spouse Indicator	1	ID	No	No	Patient Former Spouse Indicator. Values for CHCS: Y = Yes - Patient has Former Spouse; N = No - Patient has no Former Spouse	HL CP ZPE FORMER SPOUSE IND			
5	Patient OHI Indicator	1	ID	No	No	Patient Other Health Insurance Indicator. Values for CHCS: Y = Yes - Patient has Other Health Insurance; N = No - Patient has no Other Health Insurance	HL CP ZPE OHI INDICATOR	8083	0.01	(PATIENT)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
6	Patient DEERS ACV flag	4	ST	Yes	No	Patient DEERS Alternate Care Flag. Values for CHCS:	HL GIS QUERY RESPONSE COUNT			@INQRSP
							HL CP ZPX DEERS ACV			@NULL
							HL CP ZPE DEERS ACV FLAG	8552.05	4	(CODE)
7	Patient Date of Last Update	8	DT	No	No	Date of Last Update to Patient Enrollment Record	HL CP ZPE DATE OF LAST	8552.05	14	(LAST MODIFIED DATE)
8	Patient PCM Name	80	CN	Yes	No	PCM Assigned to Patient	HL CP ZPE PCM NAME	8552.06	2	(PRIMARY CARE MANAGER)
9	Patient PCM Effective Date	8	DT	Yes	No	Date of PCM Assignment	HL CP ZPE PCM EFFECTIVE DATE	8552.06	0.01	(START DATE)
10	Patient PCM End Date	8	DT	No	No	Patient PCM End Date	HL CP ZPE PCM END DATE	8552.06	1	(STOP DATE)
11	Agreement Type	3	ID	Yes	No	Patient Agreement Type. Values for CHCS: Reference Table 12, Agreement Type Code, in Appendix C.	HL CP ZPE AGREEMENT TYPE	8550.06	3	(AGREEMENT TYPE)
12	Provider Group	80	ST	Yes	No	Provider Group	HL CP ZPE PROVIDER GROUP	8552.06	4	(PROVIDER GROUP)
13	PCM Phone	18	ST	No	No	PCM Phone Number	HL CP ZPE PCM PHONE	8552.06	6	(PCM PHONE)
14	PCM Place of Care	80	CE	Yes	No	PCM Place of Care. CHCS reference file: HOS	HL CP ZPE PCM PLACE OF CARE	8552.06	7	(PCM PLACE OF CARE)
15	PCM Specialty	80	CE	Yes	No	PCM Specialty. CHCS reference file: SPE	HL CP ZPE PCM SPECIALTY	8552.06	8	(PCM SPECIALTY)
16	PCM Agreement Start Date	8	DT	Yes	No	PCM Agreement Start Date	HL CP ZPE AGREEMENT START	8552.06	9	(START DATE)
17	Region Code	2	ID	Yes	No	Region Code. Values for CHCS:	HL CP ZPE REGION CODE	8103	4	(HEALTH SERVICE REGION)
18	Contractor Code	2	ID	Yes	No	Contractor Code. Values for CHCS: 00 = Direct Care PCM; 01 = Contractor PCM	HL CP ZPE CONTRACTOR CODE	8552.06	13	(CONTRACTOR PCM LOCATION CODE)
19	User Originating Enrollment	80	CN	Yes	No	User originating enrollment	HL CP ZPE USER ORIGINATING ENR	8552.05	13	(ENROLLED BY)
20	Date Enrollment Entered	8	DT	Yes	No	Date Enrollment Entered	HL CP ZPE ENROLLED DATE	8552.05	12	(ENROLLED DATE)
21	User Updating Enrollment	80	CN	Yes	No	User Updating enrollment	HL CP ZPE USER UPDATING ENR	8552.05	15	(LAST MODIFIED BY)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
22	User Changing PCM	80	CN	Yes	No	User Changing PCM	HL CP ZPE USER CHANGING PCM	8552.06	12	(PCM LAST CHANGED BY)
23	Date PCM Changed	8	DT	Yes	No	Date PCM Changed	HL CP ZPE DATE PCM CHANGED	8552.06	1	(LAST MODIFIED DATE)
24	DMIS ID	60	ST	Yes	No	DMIS ID Code of Enrolling Division. CHCS reference file: DMI	HL CP ZPE DMIS ID	40.8	5	(DMIS ID CODE)
							HL CP ZPX EDIV DMIS			@NULL
25	MCP Status	3	ID	Yes	No	MCP Status of Patient. Values for CHCS: C = Conditional Enrollment; D = Disenrolled; E = Enrolled; ID = Invalid Disenrollment; IE = Invalid Enrollment; PE = Pending Enrollment	HL CP ZPE MCP STATUS	8552.05	6	(MCP STATUS)
26	Patient Type	3	ID	Yes	No	MCP Patient Type. Values for CHCS: AD = Active Duty; CHA = CHAMPUS; MCA = MCP/Active Duty; MCD = MCP/Non-CHAMPUS Eligible; MED = Medicare; OTH = Other; SCD = Supplemental Care Diag	HL CP ZPE PATIENT TYPE	8552.05	2	(CODE)
27	PCM Change Assignment Reason	80	ST	Yes	No	PCM Change Assignment Reason	HL CP ZPE PCM CHANGE	8552.06	5	(CHANGE ASSIGNMENT REASON)
28	Enrollment Comment	80	ST	No	No	Enrollment Comment	HL CP ZPE ENROLLMENT	8552.05	8	(ENROLLMENT COMMENT)
29	Enrolling Division	60	CE	Yes	No	Enrolling Division. CHCS reference file: DIV	HL CP ZPE ENROLLING DIVISION	8552.05	9	(DIVISION)

B.1.2.72 ZPF MCP Custom Referral Refusal

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Refusal Date/Time	14	TS	Yes	No	Date and Time of Referral Refusal	HL CP ZPF REFUSAL DATE/TIME	8554.05	0.01	(DATE TIME)
2	User	80	CN	Yes	No	User entering Referral Refusal	HL CP ZPF USER	8554.05	1	(USER)
3	Refusal Reason	1	ID	Yes	No	Reason for refusal. Values for CHCS: Reference Table 13, Appointment Refusal Reason Code, in Appendix C.	HL CP ZPF REFUSAL STATUS	8554.05	2	(REFUSAL STATUS)
4	Refusal Reason	30	CM	Yes	No	Refusal Reason	HL CP ZPF REFUSAL REASON	8554.05	3	
5	Refusal Provider	80	CN	No	No	Refusal Provider	HL CP ZPF REFUSAL PROVIDER	8554.05	6	(REFUSED PROVIDER)
6	Reason Text	80	ST	Yes	No	Reason Text	HL CP ZPF REASON TEXT	8554.05	4	@NULL
7	HCF Comment	80	ST	No	No	Health Care Finder Comment	HL CP ZPF HCF COMMENT	8554.05	5	@NULL

B.1.2.73 ZPG MCP Group

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - MCP Group	4	SI	Yes	No	MCP Provider Group Sequence Number	HL CP ZPG GRP ID			ZPG
2	MCP Group Name	50	CM	Yes	No	Managed Care Group Name Format: <name> <CHCS uniqueID> <TSC unique ID>	HL CP ZPG GRP IEN AND NAME	8550	0.01	
3	Payment Address	270	AD	No	Yes	Group Payment Address	HL CP ZPG GRP PAYMENT			
4	Payment Phone	18	ST	No	No	MCP Group Payment Phone number	HL CP ZPG GRP CONTACT	8550	9	(PHONE)
5	Contact Name	30	ST	No	No	MCP Group Payment Contact name	HL CP ZPG GRP CONTACT NAME	8550	8	(CONTACT NAME)
6	Group Provider Type	40	CM	Yes	No	MCP Provider Type Format: <code> <description>	HL CP ZPG GRP PROVIDER TYPE	8550	10	
7	CHAMPUS Number	18	ST	No	No	MCP Group CHAMPUS Number	HL CP ZPG GRP CHAMPUS	8550	11	(CHAMPUS NUMBER)
8	Tax ID	10	ST	No	No	MCP Group Tax ID Number	HL CP ZPG GRP TAX ID	8550	12	(TAX ID)
9	Short Group ID	20	ST	Yes	No	MCP Group Short Name	HL CP ZPG GRP SHORT GROUP ID	8550	14	(SHORT GROUP ID)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
10	Group Provider	1	ID	Yes	No	MCP Provider Flag. Values for CHCS: 1 = Yes - Group Provider; 2 = No - Not a Group Provider	HL CP ZPG GRP PROVIDER	8550	15	
							HL CP ZPG GRP PROVIDER IN			

B.1.2.74 ZPI Additional Patient Eligibility Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - Patient ID	4	SI	Yes	No	Sequence Number	HL CP ZPI PATID			ZPI
2	Military ID Card Number	13	ST	No	No	Military ID Care Number	HL CP ZPI MILITARY ID	2	8028	(MILITARY ID CARD NUMBER)
3	Military ID Card Effective Date	8	DT	No	No	Military ID Card Effective Date	HL CP ZPI MILITARY ID EFF DT	2	9026	(MILITARY ID EFFECTIVE DATE)
4	Military ID Card Expiration Date	8	ST	No	No	Military ID Card Expiration Date	HL CP ZPI MILITARY ID EXP DT	2	8021	(MILITARY ID EXPIRATION DATE)
5	Military ID Card Date Issued	8	DT	No	No	Military ID Card Issue Date	HL CP ZPI MILITARY ID ISSUE DT	2	9025	(MILITARY ID DATE ISSUED)
6	Medicare	2	ID	No	No	Patient Eligible for Medicare. CHCS Reference File: DEERS Medicare Eligibility (File #42) E = Eligible (Over 64); N = Not eligible; O = Eligible (became eligible after 65); P = Purchased; Q = Eligible (under 65); S = Over 65, Not Eligible.	HL CP ZPI MEDICARE	2	9031	(MEDICARE)
7	Patient DEERS Eligibility Response Code	1	ST	No	No	DEERS Direct Care Eligibility Table	HL CP ZPI DEERS ELIG RESP	2	9013	(DEERS ELIGIBILITY)
8	Patient DEERS Dependent Suffix	2	ST	No	No	Patient DEERS Dependent Suffix	HL CP ZPI DDS	2	9029	(DDS)
9	DEERS Elig Start Date	8	DT	No	No	DEERS Eligibility Start Date	HL CP ZPI DEERS EL START DT	2	9011	(DEERS ELIGIBILITY START DATE)
10	DEERS Elig End Date	8	ST	No	No	DEERS Eligibility End Date	HL CP ZPI DEERS EL END DT	2	9012	(DEERS ELIGIBILITY END DATE)
11	DEERS Elig Date	8	DT	No	No	Date of last DEERS Eligibility Inquiry	HL CP ZPI DEERS EL DT	2	9014	(DEERS ELIGIBILITY DATE)
12	CHAMPUS Eligibility	1	ID	No	No	Patient Eligibility for CHAMPUS Coverage. Values for CHCS: C = CHAMPUS Eligible; F = Foreign Military; N = Not Eligible for CHAMPUS; <null> = Information is not Available	HL CP ZPI CHAM ELIG	2	9000.16	(CHAMPUS)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
13	Outpatient Record Location	120	CM	No	No	Location of Outpatient Medical Record in the format of: <Unique ID>&<File Room Name>&99HOS\\<MTF Code>	HL CIS OUTPATIENT RECORD	2	8201	(OUTPATIENT RECORD LOCATION)
14	Record Location Division	120	CE	No	No	Division of Record Location	HL RECORD LOCATION DIVISION	44	3.5	(DIVISION)

B.1.2.75 ZPJ Provider Specialty

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Specialty	100	CE	No	No	Practitioners Specialties. CHCS reference file: SPE (required for outbound messages)	HL CP ZPJ POC SPECIALTY	8550.13	0.01	(SPECIALTY)
							HL CP ZPJ POC SPECIALTY IN			
2	PCM Specialty	1	ID	No	No	PCM Specialty	HL CP ZPJ PCM SPECIALTY	8550.13	2	(PCM SPECIALTY)

B.1.2.76 ZPK MCP Provider Beneficiary Category

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	IND Beneficiary Category	3	ID	Yes	No	Individual Beneficiary Category. Values for CHCS: ADY = Active Duty; AFM = Active Duty Family Member; OTH = Other; RET = Retiree; RFM = Retiree Family Member	HL CP ZPD GRP BEN CATEGORY	8550.15	0.01	(IND START DATE)
							HL CP ZPK HCP BEN CATEGORY	8550.29	0.01	(IND BENEFICIARY CATEGORIES)
2	Ben MAX PCM Pts	6	NM	No	No	Beneficiary Maximum PCM Patients	HL CP ZPD GRP BEN MAX PCM	8550.28	2	(MAX PCM PATIENTS)
							HL CP ZPK HCP BEN MAX PCM	8550.29	2	(MAX PCM PATIENTS)
							HL CP BEN MAX PAT			
3	PCM Data - From Age (by Beneficiary Category)	3	NM	No	No	Starting age preference, by PCM Beneficiary Category	HL CP BEN MIN AGE			
							HL CP ZPK HCP BEN MAX PCM	8550.29	4	(MIN PCM AGE)
							HL CP ZPD GRP BEN MIN PCM	8550.28	4	(MIN PCM AGE)
4	PCM Data - To Age (by Beneficiary Category)	3	NM	No	No	Ending age preference, by PCM Beneficiary Category	HL CP BEN MAX AGE			

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
							HL CP ZPK HCP BEN MAX PCM	8550.29	5	(MAX PCM AGE)
							HL CP ZPD GRP BEN MAX PCM	8550.28	5	(MAX PCM AGE)

B.1.2.77 ZPM MCP Provider Agreement

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - MCP Provider Agreement	4	SI	Yes	No	MCP Provider Group Sequence Number	HL CP ZPM HCP AGREEMENT ID			ZPM
							HL CP ZPM HCP AGREEMENT ID			ZPM
2	IND Agreement Type	80	CE	Yes	No	Individual MCP Agreement Type. CHCS reference file: AGR	HL CP ZPM HCP AGREEMENT	8550.12	0.01	(AGREEMENT TYPE)
							HL CP ZPM HCP AGRMNT TYPE IN			
3	IND Start Date	8	DT	Yes	No	Individual Agreement Start Date	HL CP ZPM HCP START DATE IN	8550.15	0.01	(IND AGREEMENT TYPE)
							HL CP ZPM HCP START DATE			(START DATE)
4	IND Stop Date	8	DT	Yes	No	Individual Agreement Stop Date	HL CP ZPM HCP STOP DATE IN			
							HL CP ZPM HCP STOP DATE	8550.15	1	(STOP DATE)
5	PCM	1	ID	No	No	Primary Care Manager. Values for CHCS: Y = Yes = Primary Care Manager; N = No - Not a Primary Care Manager	HL CP ZPM HCP PCM	8550.15	12	@NULL
							HL CP ZPM HCP PCM IN			
6	MAX PCM Patients	6	NM	No	No	Maximum PCM Patients	HL CP ZPM HCP MAX PCM PAT IN			
							HL CP ZPM HCP MAX PCM	8550.15	13	(MAX PCM PATIENTS)
7	Participation Status	1	ID	No	No	MCP Participation Status. Values for CHCS: 0 = MCP Participant; 1 = MCP Non-participant	HL CP ZPM HCP PART ST IN			
							HL CP ZPM HCP PARTICIPATION	8550.15	4	(PARTICIPATION STATUS)
8	Ind Assignment Limits	50	ST	No	No	Individual Assignment Limits	HL CP ZPM HCP ASSIGN LIMITS	8550.15	16	@NULL

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL CP ZPM HCP ASSIGN LIMITS IN				
9	Ind Assignment Comments	100	ST	No	No	Individual Assignment Comments	HL CP ZPM HCP ASSIGN COMMENT	8550.15	17	@NULL
						HL CP ZPM HCP ASSIGN CMTS IN				
10	PCM Data - From Age	3	NM	No	No	Provider Agreement Starting Age Preference	HL CP ZPM HCP MIN PCM AGE	8550.15	18	(MIN PCM AGE)
						HL CP ZPM HCP MIN PCM AGE IN				
11	PCM Data - To Age	3	NM	No	No	Provider Agreement Ending Age Preference	HL CP ZPM HCP MAX PCM AGE	8550.15	19	
						HL CP ZPM HCP MAX PCM AGE IN				
12	Original Start Date	8	DT	No	No	Original Start Date of Agreement being modified	HL CP ZPM HCP ORI ST DT IN			
						HL CP ZPM HCP ORI START DATE	8550.15	10		(IND START DATE)
13	Discount Value	3	NM	No	No	MCP Provider Agreement Discount Value	HL CP ZPM HCP DISCOUNT VALUE	8550.15	3	
						HL CP ZPM HCP DISCOUNT VAL IN	8550.15	3		(IND START DATE)

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B.1.2.78 ZPO MCP Place of Care

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Set ID - MCP Group Place of Care	4	SI	Yes	No	MCP Group Place of Care Sequence Number	HL CP ZPO PLACE OF CARE ID IN			(PLACE OF CARE)
							HL CP ZPO PLACE OF CARE SET			ZPO
2	Place of Care	120	CE	Yes	No	MCP Place of Care. CHCS reference file: DIV, HOS	HL CP ZPO GRP PLACE OF CARE	8550.11	0.01	(PLACE OF CARE)
							HL CP ZPO MCP PLACE OF CARE	8553	0.01	
							HL CP ZPO MCP PLACE OF CARE			
							HL CP ZPO GRP PLACE OF CARE			
3	POC Inactivation Date	8	DT	No	No	MCP Place of Care Inactivation Date	HL CP ZPO GRP POC INACT DATE	8553	17	(POC INACTIVATION DATE)
							HL CP ZPO INACTIVATION DATE	8553	17	(POC INACTIVATION DATE)
4	POC Reactivation Date	8	DT	No	No	MCP Place of Care Reactivation Date	HL CP ZPO GRP POC REAC DATE	8553	18	(POC REACTIVATION DATE)
							HL CP ZPO REACTIVATION DATE	8553	18	(POC REACTIVATION DATE)
5	POC Inactivation Reason	200	ST	No	No	MCP Place of Care Inactivation Reason	HL CP ZPO GRP INACT REASON			@NULL
							HL CP ZPO INACT REASON-I	8553	19	
							HL CP ZPO INACTIVATION			@NULL
6	POC Directions	200	ST	No	No	MCP Place of Care Directions	HL CP ZPO POC DIRECTIONS	8553	11	@NULL
							HL CP ZPO POC DIRECTIONS-I			
7	Comments	200	ST	No	No	MCP Place of Care Comments	HL CP ZPO COMMENTS	8553	12	@NULL
							HL CP ZPO COMMENTS-I			

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
8	Type of Facility	80	CE	Yes	No	MCP Place of Care Facility Type. CHCS reference file: FTY	HL CP ZPO TYPE OF FACILITY IN	8553	3	
							HL CP ZPO GRP TYPE OF	8553	3	(TYPE OF FACILITY)
							HL CP ZPO TYPE OF FACILITY	8553	3	(TYPE OF FACILITY)
9	Days and Hours of Business	180	CM	No	No	TBS Format: <MON to-from am hrs & to-from pm hrs> TUE to-from am hrs & to-from pm hrs> ...<SUN am hrs & pm hrs>	HL CP ZPO DAYS AND HOURS	8553	13	@NULL
							HL CP ZPC HCP DAYS AND	8553	13	(DAY AND HOURS OF BUSINESS)
							HL CP ZPC HCP DAYS & HOURS			

B.1.2.79 ZPP MCP Provider - Additional Info

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Primary Key Value	60	CE	Yes	No	Provider Primary Key. CHCS reference file: STF	HL CP ZPP PRIMARY KEY VALUE	8550.03	0.01	(PROVIDER)
							HL CP ZPP PRIMARY KEY VALUE	8551	0.01	(MCP PROVIDER NAME)
							HL CP ZPP PRIMARY KEY VALUE			
2	Prof Category	60	CE	Yes	No	Professional Category. CHCS reference file: PRF	HL CP ZPP GRP PROV PROF CAT	8551	1	(PROF CATEGORY)
							HL CP ZPP PROV PROF CAT	8551	1	(PROF CATEGORY)
							HL CP ZPP PROV PROF CAT IN			
3	MCP Inactivation Date	8	DT	No	No	Date MCP Provider Inactivated	HL CP ZPP GRP PROV INACT	8550.03	3	(INACTIVATION DATE)
							HL CP ZPP PROV INAC DATE	8551	10	(MCP INACTIVATION DATE)
4	Termination Reason	200	ST	No	No	Reason for Termination	HL CP ZPP GRP PROV TERM			@NULL
							HL CP ZPP PROV TERM REASON	8551	11	@NULL

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
						HL CP ZPP PROV TERM REASON				
						HL CP ZPP GRP PROV TERM REAS				
5	Provider Type	40	CM	Yes	No	MCP Provider Type Format: <code>\<description>	HL CP ZPP GRP PROV TYPE			
							HL CP ZPP PROV TYPE			
6	CHAMPUS Number	18	ST	No	No	MCP Provider CHAMPUS Number	HL CP ZPP PROV CHAMPUS NUM	8551	6	(CHAMPUS NUMBER)
							HL CP ZPP GRP PROV CHAMPUS	8551	6	(CHAMPUS NUMBER)
7	UPIN	6	ST	No	No	MCP Provider Unique Provider Identification Number	HL CP ZPP PROV UPIN NUM	8551	8	(UPIN)
							HL CP ZPP GRP PROV UPIN NUM	8551	8	(UPIN)
8	Tax ID number	20	ST	No	No	MCP Provider Tax Identification Number	HL CP ZPP GRP PROV TAX ID	8550.03	7	(TAX ID)
							HL CP ZPP PROV TAX ID			

B.1.2.80 ZPR MCP Custom Referral

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Referral Number	9	NM	Yes	No	Referral Number	HL CP ZPR REFERRAL NUMBER	8554	0.01	(REFERRAL NUMBER)
2	Referral Date/Time	26	TS	Yes	No	Referral Date/Time	HL CP ZPR REFERRAL DATE/TIME	8554	2	(REFERRAL DATE/TIME)
3	Referral Type	1	ID	No	No	Referral Type. Values for CHCS: 0 = Manual Referral; 1 = Non-enrolled Automatic Referral; 2 = Enrolled Automatic Referral	HL CP ZPR REFERRAL TYPE	8554	27	@NULL
4	Requested Appointment Type	25	CE	No	No	Appointment Type. CHCS reference file: APT	HL CP ZPR REQ APPT TYPE	8554	261	(DESCRIPTION)
5	Requested Start Time	6	TM	Yes	No	Requested Referral Start Time	HL CP ZPR REQ START TIME	8554	3	(REQUESTED START TIME)
6	Requested Stop Time	6	TM	Yes	No	Requested Referral Stop Time	HL CP ZPR REQ STOP TIME	8554	4	(REQUESTED STOP TIME)
7	Requested Days of Week	18	ST	Yes	Yes	Requested Referral Days of Week	HL CP ZPR REQ DAYS OF WEEK	8554	8	(DAYS OF WEEK)

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
8	Gender Preference	1	ID	No	No	Patient's Gender Preference of Referral Provider. Values for CHCS: M = Prefer Male Referral provider; F = Prefer Female Referral provider; <null> No Preference	HL CP ZPR GENDER PREFERENCE	8554	10	(GENDER PREFERENCE)
9	Related To	2	ID	No	No	Referral Related To. Values for CHCS: AA = Referral Related to Auto Accident; MS = Referral Related to Military Service; WC = Referral Related to Work Condition	HL CP ZPR RELATED TO	8554	16	(RELATED TO)
10	Reason for Referral	80	ST	No	No	Reason for Referral	HL CP ZPR REASON FOR	8554	18	(REASON FOR REFERRAL)
11	Referred By	80	CN	Yes	No	Provider issuing referral	HL CP ZPR REFERRED BY	8554	12	(REFERRED BY)
12	Specialty	100	CE	Yes	No	Referral Specialty. CHCS reference file: SPE	HL CP ZPR SPECIALTY	8554	5	(SPECIALTY)
13	Specialty Location	80	ST	Yes	No	Specialty Location	HL CP ZPR SPECIALTY LOCATION	8554	9	(SPECIALTY LOCATION)
14	Number of Visits	3	NM	No	No	Number of Visits associated with referral	HL CP ZPR NUMBER OF VISITS	8554	6	(NUMBER OF VISITS)
15	Treatment Start Date	8	DT	No	No	Referral Treatment Start Date	HL CP ZPR TREATMENT START	8554	13	(TREATMENT START DATE)
16	Treatment Stop Date	8	DT	No	No	Referral Treatment Stop Date	HL CP ZPR TREATMENT STOP	8554	14	(TREATMENT STOP DATE)
17	Priority	1	ID	Yes	No	Referral Priority. Values for CHCS: E = Emergency; U = Urgent; T = Today; 2 = 24 Hours; 4 = 48 Hours; 7 = 72 Hours; R = Routine	HL CP ZPR PRIORITY	8554	15	(PRIORITY)

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B.1.2.81 ZPS Sponsor Identification

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Sponsor ID (Internal ID)	20	ST	Yes	No	Primary ID used by facility to uniquely identify Sponsor	HL CP ZPS SPONSOR ID			
2	Sponsor Name	48	PN	Yes	No	Sponsor Name	HL CP ZPS SPONSOR NAME	2	8010	(SPONSOR NAME)
3	DEERS Sponsor Status	80	CE	No	No	DEERS Sponsor Status. CHCS reference file: DEERs Sponsor Status (File #8907.5)	HL CP ZPS DEERS SP STATUS	2	9000.17	(DEERS SPONSOR STATUS)
4	DEERS Sponsor Branch of Service	3	ID	Yes	No	DEERS Sponsor Branch of Service. CHCS Reference File: DEERS Sponsor Branch of Service (File #23). Values for CHCS: Reference Table 14, Sponsor Branch of Service Code, in Appendix C.	HL CP ZPS DEERS SP BRANCH	23	1	(CODE)
5	DEERS Sponsor Pay Grade	80	CE	No	No	DoD Military Grade Rank. CHCS reference file: DOD Military Grade Rank (File #8104)	HL CP ZPS SPONSOR PAY GRADE	2	8018	(MILITARY GRADE/RANK)
6	DEERS Dependent Suffix for Sponsor	2	ST	No	No	DEERS Dependent Suffix for Sponsor	HL CP ZPS DEERS SP DDS	2	9029	(DDS)
7	DEERS Alternate Care Flag	4	ID	No	No	Sponsor DEERS Alternate Care Flag. Values for CHCS: A = Active Duty/MCP Enrolled; C = CHAMPUS/Direct Care Eligible; D = MCP Enrolled/CHAMPUS Ineligible; E = MCP Enrolled/Direct Care CHAMPUS Eligible; N = Not Enrolled/CHAMPUS Ineligible	HL CP ZPS DEERS SP ACV	2	9027	(ACV)
8	DEERS Direct Care Eligibility Response Code	3	ID	No	No	Sponsor DEERS Direct Care Eligibility Response Code. Values for CHCS: Y = Yes; N = No	HL CP ZPS DEERS SP ELIG CODE	2	9015	(DIRECT CARE)
9	UIC - Complete	120	ST	No	No	CHCS Reference File: Unit Ship ID (File #8111)	HL DG SPONSOR UIC - COMPLETE			
10	Duty Address	106	AD	No	No	Duty Address of Sponsor	HL CP ZPS SPONSOR DUTY ADD	2	.343	
11	Duty Phone Number	18	ST	No	No	Duty Phone number of Sponsor	HL CP ZPS SPONSOR DUTY	2	0.132	(OFFICE PHONE)
12	Date of Birth	14	DT	No	No	Sponsor date of birth	HL DG SPONSOR DATE OF BIRTH	2	0.03	(DOB)
13	Gender	1	ID	No	No	Sponsor gender	HL DG SPONSOR GENDER	2	0.02	(SEX)
14	Patient Category	60	ST	No	No	Sponsor patient category	HL DG SPONSOR PATIENT CAT	2	8014	

B.1.2.82 ZPX Custom Extra Patient Information

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Patient DEERS ACV flag	4	ST	Yes	No	Patient DEERS Alternate Care Flag. Values for CHCS:	HL CP ZPE DEERS ACV FLAG	8563	0.01	(CODE)
							HL CP ZPX DEERS ACV	2	9027	@NULL
							HL GIS QUERY RESPONSE COUNT			@INQRSP
2	Contractor Code	2	ST	Yes	No	Contractor Code. Values for CHCS: 00 = Direct Care PCM; 01 = Contractor PCM	HL CP ZPX CON CODE	2	9001.15	@NULL
3	DMIS ID	60	ST	Yes	No	DMIS ID Code of Enrolling Division. CHCS reference file: DMI	HL CP ZPE DMIS ID	40.8	5	(DMIS ID CODE)
							HL CP ZPX EDIV DMIS	2	9028	@NULL
4	PCM ID	10	ST	No	No	SSN or Tax ID for Individual Primary Care Managers; Tax ID for Group Primary Care managers	HL CP ZPX PCM ID			@NULL
5	Treatment Location Code	60	ST	Yes	No	DMIS ID Code for the location where the treatment occurred. CHCS reference file:	HL CP ZPX TREAT LOC ID			@TREATID
6	Reporting Location Code	60	ST	No	No	DMIS ID Code for the location where the radiology exam was reported. CHCS reference file:	HL CP ZPX REP LOC CODE			@REPLOC

B.1.2.83 ZSC PAS Custom Appointment/Scheduling

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Date Appointment Made	8	DT	Yes	No	Date appointment made	HL CP ZSC DATE APPT MADE	44.2	17	(DATE APPOINTMENT MADE)
							HL PAS DATE APOINTMENT MADE			
2	Release Condition	80	ST	No	No	Outpatient disposition from emergency room	HL CP ZSC RELEASE CONDITION	44.2	42	(OUTPATIENT DISPOSITION)
							HL PAS RELEASE CATEGORY			
3	Arrival Category	20	CM	No	No	Arrival Code in the form of <unique ID> <text> Format: <unique ID> <Text>	HL CP ZSC ARRIVAL CATEGORY	44.2	37	(ARRIVAL CATEGORY)
							HL PAS ARRIVAL CATEGORY			
4	Appointment Type	20	CE	Yes	No	TBS. CHCS reference file:	HL CP ZSC APPOINTMENT TYPE	44.2	6	(APPOINTMENT TYPE)

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
5	Alternate Care Value Indicator	5	ST	No	No	TBS	HL CP ZSC ALT CARE VAL IND	2	9027	(ACV)
							HL PAS ALT CARE VAL IND			
6	Alternate Care Value Start	8	DT	No	No	TBS	HL CP ZSC ALT CARE VAL START	2	9000.21	(ACV START DATE)
							HL PAS ALT CARE VAL START			
7	Alternate Care Value Stop	8	ST	No	No	TBS	HL CP ZSC ALT CARE VAL STOP	2	9000.22	(ACV END DATE)
							HL PAS ALT CARE VAL STOP			
8	Appointment Booking Clerk	80	CN	Yes	No	TBS	HL CP ZSC BOOKING CLERK	8501		(BOOKING CLERK)
9	Cancelled By	20	ST	No	No	Identifies entity that cancelled appointment: F=Faciliy, P=Patient	HL PAS APPT CANC BY ENTITY			
10	Facility Appointment Cancel Reason	50	ST	No	No	Reason for appointment cancellation, if cancelled by a facility	HL PAS APPT FAC CANC REASON			
11	Patient Appointment Cancel/Reschedule Indicator	20	ST	No	No	Indicates whether appointment was cancelled completely or rescheduled, if cancelled by patient	HL PAS APPT PAT CANC REASON			
12	Cancel Date/Time	26	ST	No	No	Date/Time apointment cancelled	HL PAS APPT CANC DATE TIME			
13	Cancelled By	30	CM	No	No	Person who cancelled appointment	HL PAS APPT CANC BY PERSON			

B.2 HL7 Version 2.3 Segments

B.2.1 Version 2.3 Standard Segments

B.2.1.1 *ERR Error - Query/Response Messages*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Error Code and Location	80	CM	Yes	Yes	Identifies an erroneous segment in another message. (Query/Response interfaces) Format: <segment id> \ <sequence> \ <field position> \ <error code> where error code is a CE in the form of code&text&99ERR	HL GP ERROR CODE - IN			

B.2.1.2 *RXA Pharmacy/Treatment Administration*

Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
1	Give Sub-ID Counter	3	NM	Yes	No	DEERS Immunization identifier. Returned in the V03 event when an existing immunization is amended or deleted.	HL GP IMM ID - IN			
							HL GP IMM ID - OUT			@RXA1
2	Administration Sub-ID Counter	4	NM	Yes	No	Administration Dosage Sequence ID. Starts with 1 the first time that medication is administered for this order; increments with each subsequent administration. The number in a series received by the patient (e.g., 3d in a series).	HL GP ADMIN SUB - OUT			@RXA2
							HL GP ADMIN SUB - IN			
3	Date/Time Start of Administration	26	TS	Yes	No	Date/Time of administration, precise to day only.	HL GP DATE/TIME START - OUT			@RXA3
							HL GP DATE/TIME START - IN			
4	Date/Time End of Administration	26	TS	Yes	No	Date/Time for next dose. Precise to day only. Contains a date when immunization is one of a series and the next dose due date is known.	HL GP DATE/TIME END - IN			
							HL GP DATE/TIME END - OUT			@RXA4

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Seq	Element Name	Len	DT	Req	RP#	Description	GIS Name	File #	Field #	DD Location
5	Administered Code	100	CE	Yes	No	Immunization Type Code. HL7 2.3 Reference Table 0292, Immunization Type Code or CHCS Reference File: Immunization Type (99CVX)	HL GP ADMIN CODE - IN			
							HL GP ADMIN CODE - OUT			@RXA5
6	Administered Amount	20	NM	No	No	Amount of substance administered (outbound messages only)	HL GP ADMINISTERED AMT - OUT			@RXA6
							HL GP ADMINISTERED AMT - IN			
7	Administered Units	20	CE	No	No	Units for administered amount (outbound messages only)	HL GP ADMINISTERED UNITS -			@RXA7
							HL GP ADMINISTERED UNITS - IN			
11	Administered-at Location	200	CM	No	No	Location at which the immunization substance was administered. CHCS Reference Table: DEERS Site ID	HL GP ADMIN LOC - IN			
							HL GP ADMIN LOC - OUT			@RXA11
15	Substance Lot Number	20	ST	Yes	No	Lot number of the immunization substance administered	HL GP LOT - IN			
							HL GP LOT - OUT			@RXA15
17	Substance Manufacturer Name	60	CE	No	No	Manufacturer of the immunization substance administered. HL7 2.3 Reference Table 0227	HL GP MANUFACTURER - IN			
							HL GP MANUFACTURER - OUT			@RXA17
20	Completion Status					Not Used	HL GP COMPLETE - OUT			@RXA20
21	Action Code					Not Used	HL GP ACTION CODE - OUT			@RXA21

B.3 Version 2.3 Custom Segments

There are no Version 2.3 Custom Segments at this time.

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**CHCS HEALTH LEVEL 7
IMPLEMENTATION SPECIFICATION
(CHIS)**

Appendix C

Reference Tables

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C. MESSAGE DEFINITION TABLES

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Reference Table 1, Event Type Code

EventName	EventDesc
A01	
A02	
A03	
A08	
A11	
A12	
A13	
A17	
A18	
A19	
A20	
A21	
A22	
A24	
A28	
A30	
A31	
A37	
ACK	
M01	
M02	
N01	
N02	
NA	Response Message; no Event
O01	
O02	
O03	
O04	
O05	
O08	
O10	
O30	
ORU	
P10	
P11	
P12	
P13	
Q02	
R01	
R04	
RS	
S01	
S12	
S14	
S15	
S90	
UNK	Unknown Event type

EventName	EventDesc
V01	
V02	
V03	
V04	
Z01	
Z02	
Z03	
Z04	
Z05	
Z06	
Z07	
Z08	
Z10	
Z11	
Z20	
Z30	
Z31	
ZE1	Update Enrollment
ZE2	Master File Query
ZE3	
ZL2	Instrument Start/Stop
ZL3	DII Error Code Updates
ZZ8	

ReferenceTable 2, Message Type

Msg Type	Msg Type Description
ACK	Response to Patient Request
ADR	Response to Patient Lookup Request
ADT	Admission, Discharge and Transfer
LAB	Lab Result
LSI	TBS
MFK	Master File App Ack
MFN	Master File Updates
MFQ	Master File Query
MFR	Master File Response
ORF	Observational Report
ORM	Orders
ORR	Response to Order Request
ORU	Observation Reporting (unsolicited transmission)
PRF	
QCK	<undefined>
QRY	Query
RDS	Pharmacy Dispense
SCH	Scheduling
UNK	Unknown Message type
VXQ	
VXR	
VXU	
VXX	

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Msg Type	Msg Type Description
ZEU	Update Enrollment
ZIL	Logon/Logoff (FOUO)
ZNT	Notifications
ZNU	
ZPM	Managed Care Program
ZPW	Response to Order Batch
ZSC	

Reference Table 3, Result Status Code

Abbrev	Detail
C	Correction to results
F	Final results; results stored and verified. Can only be changed with a corrected result
I	No results available; specimen received, procedure incomplete
O	Order received; specimen not yet received
P	Preliminary; A verified early result is available; final results not yet obtained
R	Results stored; not yet verified
S	No results available; procedure scheduled, but not done
X	No results available; Order cancelled
Y	No order on record for this test. (Used only on queries)
Z	Order received; specimen not yet received; No record of this patient. (Used only on queries)

Reference Table 4, Order Control Code

Abbrev	Detail
CA	Cancel Order
DC	Discontinue Order
HD	Hold Order
NW	New Order
RE	Refill Order - prescription
RL	Release Hold on Order
RN	Renew Order
RO	Replacement Order - modified
RP	Replace Order - modify
XX	Edited Order - prescription (not HL7)
ZP	Pre-validate - pre-verification request and response (not HL7)

Reference Table 5, Order Status Code

Abbrev	Detail
CA	Order was cancelled
CM	Order is completed
DC	Order was discontinued
ER	Error, order not found
HD	Order is on hold
IP	In process, unspecified
RP	Order has been replaced
SC	In process, scheduled

Reference Table 6, Response Code

Abbrev	Detail
D	Report Exceptions, Replacement, Parent-Child and other associated segments

Abbrev	Detail
E	Report Exceptions only
F	Report Exceptions, Replacement, Parent-Child, and other associated segments plus confirmations explicitly
N	Only the MSA segment is returned
R	Report Exceptions, Replacement, and Parent-Child

Reference Table 7, Date/Time Code

Abbrev	Detail
ANY	Any date/time within a range
COL	Collection date/time
ORD	Order date/time
RCT	Specimen receipt date/time, receipt of specimen in filling ancillary (Lab)
REP	Report date/time, report date/time at filling ancillary (i.e. Lab)
SCHED	Schedule date/time

Reference Table 8, Status Code

Abbrev	Detail
ANY	Any status
CFN	Current final value
COR	Corrected only (no final with corrections)
FIN	Final only (no corrections)
PRE	Preliminary
REP	Report completion date/time

Reference Table 9, State Code

Abbrev	Detail
AL	ALABAMA
AK	ALASKA
AA	APO (ARMY AND AIR FORCE AMERICAS)
AE	APO (ARMY AND AIR FORCE EUROPE)
AP	APO (ARMY AND AIR FORCE PACIFIC)
AZ	ARIZONA
AR	ARKANSAS
CA	CALIFORNIA
unk	CLASSIFIED
CO	COLORADO
CT	CONNECTICUT
DE	DELAWARE
DC	DISTRICT OF COLUMBIA
FL	FLORIDA
AA	FPO (FLEET POST OFFICE AMERICAS)
AE	FPO (FLEET POST OFFICE EUROPE)
AP	FPO (FLEET POST OFFICE PACIFIC)
GA	GEORGIA
HI	HAWAII
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
IA	IOWA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
ME	MAINE

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Abbrev	Detail
MD	MARYLAND
MA	MASSACHUSETTS
MI	MICHIGAN
MN	MINNESOTA
MS	MISSISSIPPI
MO	MISSOURI
MT	MONTANA
NE	NEBRASKA
NV	NEVADA
NH	NEW HAMPSHIRE
NJ	NEW JERSEY
NM	NEW MEXICO
NY	NEW YORK
NC	NORTH CAROLINA
ND	NORTH DAKOTA
OH	OHIO
OK	OKLAHOMA
OR	OREGON
PA	PENNSYLVANIA
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
UNK	UNKNOWN
UT	UTAH
VT	VERMONT
VA	VIRGINIA
WA	WASHINGTON
WV	WEST VIRGINIA
WI	WISCONSIN
WY	WYOMING

Reference Table 10, Warning Code,

Abbrev	Detail
1	Interaction
2	Duplicate
3	Allergy
4	Overlap
5	Dosage
8	Barium used
9	Contrast material used
27	Contrast Allergy
28	Barium Allergy

Reference Table 11, Disenrollment Reason Code

Abbrev	Detail
DE	Disenrollment/Expiration
EC	Enrollment Cancelled
EE	Enrolled in Error
GA	Grievance/Complaint - accessibility
GB	Grievance/Complaint - benefits
GO	Grievance/Complaint - other
GP	Grievance/Complaint - providers
JO	Joined HMO/New OHIO Coverage
LE	Loss of Entitlement
MCS	Moving (to CRI site)
MMM	Moving (to non MCP site)
MOM	Moving (to other MCP site)
MV	Moving (other)
PN	Provider perf not in plan
RD	Reciprocally disenrolled
RED	Reciprocally Enrolled/Disenrolled
RFA	Released from Active Duty
RM	Remotely Disenrolled
TD	Termination of DEERS enrollment mode
TL	Termination of Local empanelment mode

Reference Table 12, Agreement Type Code

Abbrev	Detail
CON	CONTRACT
MTF	MTF STAFF
NET	CIVILIAN NETWORK PROVIDER
NON	NON-NETWORK/EXCEPTION
PEX	PARTNER EXTERNAL
PIC	PARTNER INTERNAL
SUP	SUPPLEMENTAL CARE/DIAG SVC

Reference Table 13, Appointment Refusal Reason Code

Abbrev	Detail
1	REQUESTED PROVIDER NOT AVAILABLE
2	APPOINTMENT TIME UNACCEPTABLE
3	UNHAPPY WITH MTF SERVICE/PROVIDER
4	DISTANCE TOO GREAT TO TRAVEL
5	WANTED A CIVILIAN APPOINTMENT
6	COST SHARE TOO HIGH
7	APPOINTMENT DATE/TIME UNACCEPTABLE
8	UNHAPPY WITH GROUP/PROVIDER
9	DISTANCE TOO GREAT TO TRAVEL
10	WANTED AN MTF APPOINTMENT

Reference Table 14, Sponsor Branch of Service Code

Abbrev	Detail
A	ARMY
AF	AIR FORCE
AFN	ARMY/AIR FORCE/NAVY
B	NATIONAL OCEANIC & ATMOSPHERIC
C	COAST GUARD
F	AIR FORCE
FM	FOREIGN MILITARY
FN	AIR FORCE/NAVY
M	MARINE CORPS
N	NAVY
O	OTHER
P	U.S. PUBLIC HEALTH SERVICE
U	BRANCH OF SERVICE UNKNOWN
V	VERTANS ADMINISTRATION
X	CIVILIAN NON-SERVICE RELATED

Reference Table 15, Data Types

DataType	DataType Name
AD	Address
CE	Coded Element
CK	Composite ID with check digit
CM	Composite
CN	Composite ID
CQ	Composite Quantity
CX	Extended Composite with Check Digit
DT	Date
HD	Hierarchic Designator
ID	Coded Value
MO	Money
NA	
NM	Numeric
PN	Person Name
PT	Processing Type
SI	Sequence ID
ST	String Data
TM	Time
TN	Telephone Number
TQ	Quantity/Timing
TS	Time Stamp
TX	Text Data
XPN	Extended Patient Name